The Steele Bros. Ltd.

130 & 132 King St. East.

TORONTO, ONT.

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---- WE SELL SEEDS, FROM THE ATLANTIC TO THE PACIFIC ----

This Handsome Catalogue Free to Customers Only

TO ALL OTHERS THE PRICE IS 20 CENTS PER COPY.

How to Get it Free. If you Select Seeds to Value of 25 Cents or over, and remit for same, we will send both the Seeds and Catalogue Free by mail.

---- Novelties for 1891-92 ----

As an inducement to obtain new customers for 1891, we will include with all orders one or more Novelties, or new varieties we are desirous of having tested for next season.

KB126 H69

New Spring Wheat Campbells White Chaff

(A MOST PROMISING VARIETY)

THIS remarkable new variety has now been grown in Canada for several years, and when tested has proved itself admirably adapted to our climate. It originated in Simcoe County, near Georgian Bay, in one of ou finest wheat-growing districts. Mr. David Campbell, the originator, selected it eleven years ago—for some years it changed somewhat in character, but the type has now become fixed. It seems to possess every essential quality necessary for successful cultivation i.i our climate. We have secured the whole stock of this **Grand New Spring Wheat**, and feel that we are offering a wheat that will give our customers the greatest satisfaction, as it has been tested the last two years on Experimental Farm, Ottawa, and far excelled all other varieties tried there. (See Prof. Saunders' letter). Campbell's White Chaff is a bald wheat, club shaped, with a compact and rather heavy head, well filled to the top, and is a very good thrifty grower, stooling profusely, for which reason 5 pecks of seed is quite sufficient for an acre. It grows a strong straw from 2½ to 3 feet high, and of a deep green color which it maintains till ripening, matures from 10 days to 2 weeks earlier than other standard varieties. The grain is white, thin-skinned, and very plump. Our engraving shows the wheat as it appears from two sides. As the supply of Campbell's White Chaff Wheat is limited, we advise early orders, as we can not fill any orders after the stock set apart for sale this season is exhausted, and we advise every person who wants to make the most money-raising wheat to get a start this season. It will be much cheaper to buy a small lot now and raise your own seed than to buy a large lot in a year or two, to say nothing about what you will lose if you don't supply your neighbors with this wheat at a high price, which they will be willing to pay as soon as they see it growing. Here is an opportunity for farmers, who are enterprising, to increase their income considerably by introducing this wheat. It can be done, as we know the variety is all right and all that can be raised in the next two or three years will be wanted for seed at high prices as the supply is very limited. We claim that this is one of the earliest Spring Wheats grown. Prof. Saunders writes:—

EXPERIMENTAL FARM, OTTAWA, DEC. 29th, 1890.

MESSRS. THE STEELE BROS. CO.

GENTS,—We have had two years' experience with Campbell's White Chaff, and it has yielded the heaviest crop of any of our spring wheats. Last year the crop was 36¾ bush., when our best crop of any other variety was 30 bush. I have examined this grain very closely for the past two years in all stages of its growth, and *I think it is the most promising spring wheat for Ontario in the east we have handled.* It is a bald wheat, club shaped, with a compact rather heavy head and a very good and thrifty grower.

Yours truly,

WM. SAUNDERS.

PRICE:—By mail, post-paid, 1 lb. 25c.; 5 lbs. $1.00 By freight or express, ¼ bush. $1 25; ½ bush, $2.00; 1 bush. $3.75; 2 bush. or over at $3 50 per bush. Bags 20c. each

ORDER FOR SEEDS, BULBS, PLANTS, ROSES, ETC.

THE STEELE BROS. CO. LTD.

TORONTO, ONT.

Please forward the following Order, for amount enclosed, to

(Be sure and fill out these Blanks.) Selected from Catalogue for 18 ... (Give year.)

Your Name

Post Office *Province*

Express Office

Nearest Railway Station

On the *Railway*

AMOUNT ENCLOSED

P. O. Order, $

Draft $

Stamps $

Cash $

Amount, $

Date 18

RESERVED SPACE

Please do not write here.

Reg. No.

Date Rec'd

Am't Rec'd

No. of Pkgs

Forw'd by

Date sent

Cost of Carriage

Checked by

Advised by

MARK X OPPOSITE YOUR DESCRIPTION

AMATEUR.....

GARDENER.....

FARMER.....

FLORIST.....

Every order must be accompanied with remittance, either by Registered Letter, Draft, or Post Office Money Order, and for full amount covering the order, otherwise the value of remittance only will be sent, by reducing quantity ordered. Please do not ask us for time or credit on seeds, as we positively give none. We send no goods C. O. D. The S. B. Co. "give no warranty, expressed or implied, as to description, quality, growth, productiveness, or any other matter of any seed they supply, and will not be in any way responsible for the crop." If the purchaser does not accept the Seeds on these conditions they must be returned at once.

NOTE.—Safe arrival of all packages forwarded by mail guaranteed. See pages 2 and 3 of Catalogue for information to purchasers.

FLOWER SEEDS

When ordering Flower Seeds you need only give the number of pockets wanted and the number in Catalogue corresponding to the variety and price per packet, which will save the writing of long and difficult names.

No. of Packets.	Catalogue Numbers.	Price	Amount. $	Amount. c.	No. of Packets.	Catalogue Numbers.	Price	Amount. $	Amount. c.	Quantity.

Prices in Catalogue include postage. See pages 2 and 3 of Catalogue for information to purchasers.

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VEGETABLE AND FIELD SEEDS, SEED GRAINS, ETC.

Please note that all seeds at packet, ounce and quarter pound prices include postage; but when ordered at the pound prices, four cents for each pound must be sent in addition to Catalogue prices, to prepay postage.
Seed Grain, Clover, Timothy, etc., are delivered free on cars at Toronto, the purchaser paying freight on arrival of the goods.—*See pages 2 and 3 of Catalogue.*

Bushels.	Lbs.	Oz.	Pkts.	Name of Variety.	Price.	Amount. $	c.
				Amount brought forward..			

TEAR THE ORDER SHEET. SEPARATE WHERE PERFORATED.

PLEASE DO NOT TEAR THE ORDER SHEET.

Amount of order.. $

FOR REMARKS.

Do not mix up the order with questions requiring answers, as it often causes trouble and sometimes mistakes or omissions. Please write in this space any remarks.
SPECIAL NOTICE.—We shall appreciate it as a special favor if our friends and customers will write in the blank below the names of some of their acquaintances who will be in need of Seeds.

TO OUR FRIENDS

GREETING

—Herewith we extend to our numerous friends in all parts of this vast Dominion, our heartiest greetings and good wishes for the New Year; busy as we have been for months past in the preparation of this Catalogue, our thoughts have gone out to you and your work, some of you depending on the quality of the seeds you sow for your living, others for the pleasure you derive from gardening, and we realize the responsibility of the task of catering to the requirements of such a vast constituency. Regretting that circumstances prevent so many of our friends at a distance from visiting us and becoming personally acquainted, and of inspecting our premises, we this season instructed our Lithographer to prepare a series of views of our Wholesale and Retail premises, that would give you some idea of the magnitude of our business and the care necessarily employed before seeds are shipped or mailed, and we trust these views may prove of interest to all.

OUR WHOLESALE WAREHOUSE

—As shown on back of Catalogue, contains nearly two acres of floor space, and is fitted up with the latest and most improved seed cleaning mills, printing presses and all necessary appliances for economical working of our vast business. Of the millions of packets of seeds we send out annually, the larger proportion are made and printed on our own premises. Here all seed grain, clovers, etc., are carefully recleaned either for export or for home trade—and storage supplied for the car loads of imported foreign grown seeds. OUR COMMISSION DEPARTMENT, supplies thousands of cases of seeds to the vast army of merchants, who from the Atlantic to the Pacific handle our seeds—to visit these annually and settle accounts, requires twelve travellers—truly our business is national in its character.

OUR RETAIL ESTABLISHMENT

—At Nos. 130 and 132 King St., East, (opposite St. Lawrence market) is the best equipped in the Dominion, and one that we feel justified in saying is in keeping with the times, and a credit to the "Queen city." It is handsomely fitted up and well lighted, and customers who select their own garden seeds and other requisites in person, will find, not only the finest quality and largest assortment, but a pleasant resort as well, with polite and prompt attention from our efficient corps of assistants. Visitors to Toronto will find our store one of the most accessible in the city. The Sherbourne, Winchester and Parliament Street Cars from Union Station all pass our door every fifteen minutes.

TORONTO

—For the benefit of our readers who have never visited our thriving, beautiful City of 200.000 prosperous people, we would say that we are almost in the centre of the Dominion. We are the "Hub," and the various railways and steamboat lines radiating from here form so many spokes that make the wheels of commerce revolve. Our facilities for prompt shipment with various express companies, steamboats and railways are unexcelled, and Her Magesty's mail carries numerous orders to, and parcels from our doors, daily. Our customers can rely upon rapidity and cheapness in transportation, an important item in the plant and seed business.

HIGH GRADE SEEDS

are what we are continually aiming at, and as we believe in the saying that "continually sticking at it brings success," we have as you see **NAILED OUR COLORS TO THE MAST AND MEAN TO KEEP THEM THERE.** We assure our Patrons it is our **HIGH GRADE SEEDS**, etc., which have in so short a time brought to our establishment its enormous business. We founded our business with a determination to furnish a grade of goods which should, in general, be of greatly superior quality. How well we have succeeded in doing this, our numerous customers in all parts of the Dominion can testify.

NOVELTIES

—The unusual number of Novelties herein offered justifies us in calling special attention to the fact. We question if ever before in a single season has any house offered such an array of **NEW** things as we this year present, most of which have first been tried and found to be of such unusual promise that we feel safe in predicting that they will take their position with our former novelties, that have secured a prominent place in cultivation.

OUR CATALOGUE

—With the new year we present you with the most complete catalogue we have ever sent out, and to it we have added many new illustrations. In making our catalogues it is our aim to give descriptions free from all appearance of outrageousness, and to make our engravings as true to type and nature as possible, considering well the fact that a seedsman's catalogue should be rational in its tone, educational in its matter, and as clearly descriptive of the things offered as a limited space will allow. It is our desire to make our catalogue serviceable and as clear as possible. We wish to return our **HEARTY THANKS TO OUR GENEROUS CUSTOMERS OF 1890**, and assure them that for 1891, we are in better shape to promptly and carefully execute all orders they may entrust to our care. **TO THOSE RECEIVING OUR CATALOGUE FOR THE FIRST TIME**, we respectfully request a comparison of prices and stock, and earnestly solicit a trial order.

AS thousands of our people visit this metropolitan city throughout the year, we extend to them our cordial invitation to call upon us, inspect our premises, and judge for themselves the accuracy of what we say. Visitors are always welcome. Hoping to be early favored with your esteemed orders, continued kind words, and orders of many new friends.

We remain, very truly,

The STEELE BROS. CO., Limited.

R. O. STEELE, President | W. H. MARCON, Secretary
S. E. BRIGGS, Vice-President | J. W. HOGG, Treasurer

The Bone and Sinew of our Country

TORONTO, January, 1891.

BINGHAM & WEBBER, Printers, Toronto.

Directions TO CORRESPONDENTS

THE attention of our customers is respectfully called to the following instructions, which will, if followed, be an aid to purchasers as well as ourselves. The seeds we offer have been carefully selected, and are from the best growers in this country and abroad. Our plant stocks are in excellent condition, and cannot fail to be satisfactory in every way.

Free Delivery.—All Seeds ordered at the packet, ounce, two ounce, or quarter pound prices, also Bulbs, Roses, Vines, and such goods as are offered post paid, and at Catalogue prices, will be sent by mail postage prepaid by us, to any address in the Dominion. We sometimes send by express (prepaid) instead of mail, but only when there is a saving of cost to ourselves, and when convenient for purchaser to receive them that way. The exceptions to this rule are Seeds priced by the pound, and other heavy and bulky articles, or when special offers are given. We could not afford to pay the postage on such goods, as in many cases it would exceed the profit upon them; with such, four cents per pound should be remitted in addition to Catalogue price, or it will be deducted from amount sent by reducing quantity of goods forwarded.

We guarantee Safe Arrival of all Seeds, Bulbs, etc., when sent by mail. Should a parcel fail to reach its destination when sent by mail, or any portion of the same be lost while in transit, we promise to duplicate that portion which is lost without charge. Customers are requested to keep a copy of their order as sent, and on receipt of parcels to examine them, so that they may see that they receive just what was ordered. Complaints, which are very rare, must be made immediately on receipt of the goods, otherwise we could not entertain them.

Terms.—All orders must be accompanied by cash or Money Order. We do not send goods C. O. D. as prices being given, we can conceive of no necessity for sending C. O. D.

How to Send Money.—Cash can be sent by registered letter, at our risk, for any order under five dollars. Remittance by Post Office Money Order is the safest and cheapest. We will take the risk of money sent in these ways. Should an instance occur, where a registered letter or letter containing Money Order fails to reach us (which is very rare) the sender must forward us the register or number of the Money Order with name of Office giving the Order, together with a copy of the Seed order, when we will at once forward the seeds called for.

Letters containing money, when sent without being registered, are at the risk of the sender.

Amounts less than one dollar can be sent in postage stamps of one, two or three cents denominations.

When making remittances purchasers will please be particular and send sufficient to cover the value of their order. When this is not done we shall limit the shipment to the value of money sent. We are compelled to adhere to this rule. Should amount remitted exceed the cost of goods ordered the difference will be promptly returned.

Use our addressed envelopes when remitting money.

Write your Name Plainly, and give correct post office address. Sometimes persons give their place of residence instead of post office, this causes miscarriage and vexatious delays. Please write both name and address very distinctly, and in spaces on order sheets left for this purpose. Ladies will please prefix their Christian name with Miss or Mrs., as the case may be.

Orders.—Our excellent system and large force of skilled employees enables us to execute all orders promptly, even in the height of the busy season. Should you not hear from us within a reasonable time after ordering, please write us, that the cause of delay may be ascertained.

Order Early.—You cannot order too early, but may easily leave it too late for your own profit and convenience. Secure your Seeds early, and be prepared to plant them as soon as the season will permit.

How to Order.—Customers will kindly use the enclosed order blank and fill in the spaces for name, post office, etc., and the wants under the different headings. Please do not tear the order sheet but send it to us whole.

Charges for Carriage.—All Seeds and other goods that are not offered free by mail, or cannot be sent by mail will be forwarded by express or freight, and at the purchasers expense for carriage.

☞ When perishable or other goods are ordered to be sent by freight or express to such great distances that the cost of transportation will nearly or quite equal the value of the goods, the purchaser must remit us in addition to cost of the order, sufficient funds to prepay transportation charges.

All heavy Seeds such as Potatoes, Corn, Clover, Timothy, Seed Grains, etc., that cannot be forwarded by mail, will be shipped by rail, express or boat. If no instructions accompany the order we use our best judgment as to route. Carrying Companies will only receive goods when in good order; they are responsible for safe carriage and delivery. All claims for damage or loss must be made upon the carriers. We will always and cheerfully do all that is possible to hurry forward shipments, and assist customers in tracing same, if delayed, by their notifying us.

Completion of Orders.—Should the weather be unfavorable for forwarding Bulbs, Onion Sets and other perishable goods, with accompanying part of order, they will not be sent until weather is safe to send them. Such roots that remain in the ground during winter, will be forwarded as soon as possible in spring, and in time for planting.

Seeds not Priced, such as Clover, Timothy, Seed Grains, etc., are subject to market changes in prices and upon which we cannot give standing prices. We shall be pleased to quote prices on any such Seeds, at any time when desired. Letter or telegraph quotations are always for immediate acceptance and orders. All heavy Seeds will be sent in cotton bags at a charge of twenty cents each for the bags, etc.

Enquiries.—When ordering Seeds enquiries should be made on separate sheet and not mix the order with questions to be answered, as it not only makes it difficult to fill the order properly, but often causes oversight in answering such questions, and we are blamed for neglect.

Wholesale Catalogues sent to dealers on application.

Bulb Catalogues.—In September we publish a Catalogue containing a list of Bulbs for Autumn planting, and for flowering in the house in winter, which will be forwarded to those of our customers who purchased Bulbs or Seeds the past year.

How We Test Our Seeds

Our Aim is to Excel

About : Warranting : Seeds

We have often been asked if we "guarantee or warrant our Seeds." We beg to state plainly we do not, for the reason that practical experience has assured us of the fact that crops may fail, no matter how fresh or pure the seed sown may be.

We trust that our customers will fully realize that it is our interest to send them none but the very best quality of Seeds. It would be folly to do otherwise, unless we wanted to sacrifice our good reputation for selling reliable seeds, which we are constantly striving to extend.

To secure success, however, it is necessary that the customer should do his part well, or our good Seeds will be ruined, which we very much dislike to have done, because it is a great waste, and makes everybody feel unpleasant. With the best of management and with good seeds there will be an occasional and unaccountable failure. The best of gardeners sometimes fail and try again with the same seed and succeed. All Seeds bought from us must be on the conditions that we give no warranty, expressed or implied as to description, quality, growth, productiveness, or any other matter of any seeds we sell, nor will we hold ourselves in any way responsible for the crop.

How we Ship Plants By Express

We Pack Carefully

The Steele Bros. Co. Seeds are not Cheap Seeds BUT ARE THE BEST

That it is Possible to Produce by Constant Exercise of the most Critical Care and Skill And are Sold by all Reliable Grocers, Druggists and Dealers Generally.

CUCUMBER, NEW PARIS PICKLING

The PARIS PICKLING is entirely distinct from all sorts hitherto known, and is *decidedly the best of all in quality for pickling.* The young Cucumbers, when of the proper age for pickling, are slim and slender, from three to five inches in length, and the entire surface of the skin is covered with delicate, black, hairy spines. When the unusually crisp, brittle character of the pickles is known it must surpass all others in popular favor, while from the very first its unique appearance will make it of great value in the manufacture of chow chow and other mixed pickles. So crisp and brittle are they that they snap freely, and, when ready for pickling, show *absolutely no sign of seeds.* At the pickling stage, the fruit are of an *exceedingly dark green color*—so deep that no coloring matter is necessary in preparing them for market. In fact PARIS PICKLING is altogether *unapproached in quality.* Per pkt., 15 cts; 2 pkts for 25 cts.

Early Express Cabbage

A new and improved strain of celebrated cabbage, which produces **fair-sized, good, marketable heads in seventy-five to eighty days from sowing the seed.** It makes this **Wonderful Cabbage** fully **two weeks** ahead of any known variety. Market Gardeners can, of course, realize what a bonanza this is to the pocket-book of the cabbage grower, in the spring markets. It has few loose outer leaves, and every plant forms a good head. The head is well depicted in our illustration, taken from nature. It will produce a larger crop than any other variety, from the fact that it can be planted closer together. Per lb., $3.50; ½ lb., $1.00 per oz., 60c.; 1 oz., 35c.; pkt., 10c.

PARIS PICKLING CUCUMBER

New Mammoth Sage

The plants are very strong growing, the first season attaining 1 foot in height, and spreading so that a single plant covers a space of 3 feet. The leaves are borne well above the soil, keeping them clean; They are very large and of unusual substance, strong in flavor and of superior quality. A single plant yields more than a dozen plants of the common sage; perfectly hardy; it rarely flowers, and never runs to seed. Price 2 plants for 25c.; 5 for 50c.; each, 15c.; mail post paid.

Mustard

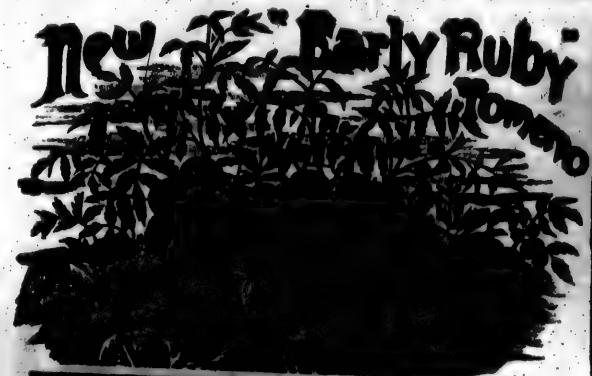
New Chinese. Leaves twice the size of the ordinary white mustard; more succulent, of darker green; flavor pleasantly sweet and pungent. 1 oz. 10 cts.; ¼ lb. 30 cts.; 1 lb. $1.00.

CELERY, NEW GIANT PASCAL

This new variety is the result of careful selection from the well known "Golden Self-Blanching" Celery. It partakes of the nutty flavor of the excellent variety, and in taste is not at all bitter or astringent. It grows about two feet high, with stalks that are solid, crisp, not stringy, very large and broader than those of any other. Before blanching it is green, with heart of a golden yellow and very full. It is very easily blanched, requiring only five or six days earthing up; while its preservative qualities make it a fine shipper. For late winter use, it is the ideal celery, as it retains its crispness. Per pkt. 10c.; per oz., 50c.; ¼ oz., 35c.; ¼ lb., $1.00; 1 lb., $3.00.

GIANT PASCAL CELERY

THREE NEW TOMATOES



EARLY RUBY TOMATO.

We believe we are safe in saying that it is by *far* the *earliest* of all the *large-sized* Tomatoes which combine *good form, color* and *solidity*, and that it is certain to prove the *leading* market variety. The peculiar open habit of the plant, as shown by the cut, is a distinctive feature of this variety, and is the reason why it is earlier than any other variety, the sun having a better chance to reach and ripen the fruit than in more upright and compact varieties. The engraving is taken from a plant photographed in the field, July 20th. Any one familiar with Tomatoes will see that it shows an unusual quantity of fully developed fruit for that early date. Per pkt., 15c. ; 2 for 25c.

NEW YELLOW PEACH TOMATO—

This is the exact counterpart of the Red Peach sort, except in color, which is a deep lemon yellow. It has the same soft leathery skin which is such a distinguished feature of the Peach variety, and is equally desirable for cooking purposes. It is quite an acquisition for exhibition purposes, and for table decoration. Both this and the Red Peach have a flavor peculiar to this variety, and is without a rival for eating from the hand; the skin is thin and may be easily pulled. Price, per pkt., 15c.; 2 for 25c.

THE NEW STONE TOMATO

ripens for main crop; is very large, and of bright scarlet color; very smooth, with occasionally a specimen very slightly octagon shaped; ripening evenly to the stem without a crack; exceedingly solid and firm fleshed (as its name indicates); is an excellent shipper; quality the very best; fine for canning; a good keeper; without hard core; not subject to rot; its appearance on market remarkably attractive; a heavy variety; its vines and foliage rank and robust, heavily loaded with very uniform specimens of fruit.

For five years this Tomato has been subjected to the most careful testing, and we have found it to possess several superior qualities and distinct characteristics. We believe it to be the coming Tomato for market gardeners and canners. Per pkt., 15c.; 2 pkts. for 25c.

WHITE NEST EGG.

Also called Japanese Nest Egg Gourd, resemble in color, shape and size, the eggs of hens, they do not crack, and are uninjured by cold or wet, and therefore make the very best nest eggs. As the plant is a rapid-growing climber, it is very useful for covering screens, etc. Per oz., 25c.; pkt, 10c.

NEW GARDEN LEMON

We are pleased to introduce this to our customers as well worthy their attention. Prof. Saunders, Experimental farm, Ottawa, says: "The Garden Lemon is a very interesting fruit, about the size of a lemon, bright golden color, pulp about ¼ an inch thick; agreeable, pleasant flavor, sub-acid, with the texture of the Musk Melon; a desirable addition to the list of new fruits." Cultivate like Musk Melon, in hills 2 feet apart each way. Directions for cooking on each packet. Price, pkt., 15c.

THE DIPPER GOURD

This variety is useful for many household purposes. They are easily prepared for use as dippers, will last for many years, and are particularly valuable for dipping hot liquids—the handles do not readily become hot. Dippers of various sizes, of a capacity of from a pint to a quart and a half, can be had from a few vines. Oz., 25c.; pkt., 10c.

GOLD COIN SWEET CORN

Is remarkably distinct and handsome in appearance, exciting the admiration of all gardeners, and without doubt the most valuable variety ever introduced. Enormously productive; almost always yielding two, and frequently three, mammoth ears to the stalk. For the past three years the New GOLD COIN has been compared in all points with Stowell's Evergreen, and in sweetness and delicacy of flavor it surpasses the old favorite. So far, it has proven ten days earlier, and, in size, one-third larger. The cob is ivory white, compactly covered with large, deep grains. Last autumn the bulk of the crop could have been gathered at any time during a period of four weeks, and have been found in fit condition for table use. By Express, 8 lb., $1.75. Post paid, 1 lb., 40c.; ½ lb., 25c.; pkt., 10c.

RED COB EVERGREEN SWEET CORN

This valuable new variety, "**Red Cob Evergreen**," is a sport from the "**Stowell's**" which has long been the standard and favorite in all parts of the country. This new variety is destined to eclipse in popularity its famous parent, it being a week to 10 days earlier, and is enormously productive, bearing three to four ears to a stalk; the ears are set low on the stalks, and are very thick and regular in size—16 rowed—very deep and of the most delicious quality, remaining tender and milky for a long time. This variety is very distinct when in the dry state, both kernels and cobs being of a deep red color. Price, per pkt., 15c.

THE FIGURES 1 2 & 3 INDICATE
WHITE, YELLOW & RED

RUBY GOLD WATERMELON

In shape it is long, often two feet or more, and frequently weighs as high as fifty pounds, though its average weight is about forty pounds each. Its flesh is solid, pure golden yellow, variegated with streaks, and layers of bright pink or ruby red, which often appear in a star-shape form. This makes it at once the most beautiful, odd and novel melon ever seen. It is also as much superior to other Melons in quality as it is in beauty. It has a sweetness and luciousness which no other melon possesses, being tender and melts in the mouth like ice cream without a particle of core or stringy substance. It is very juicy, and does not loose when it becomes over-ripe like most sorts. It is solid to the center, and ripens close to the rind which is very thin. It is a hardy, robust grower, medium early, and sure to give a good crop. Per pkt., 15c.; 4 pkts. for 50c.

PEPPER KALEIDOSCOPE

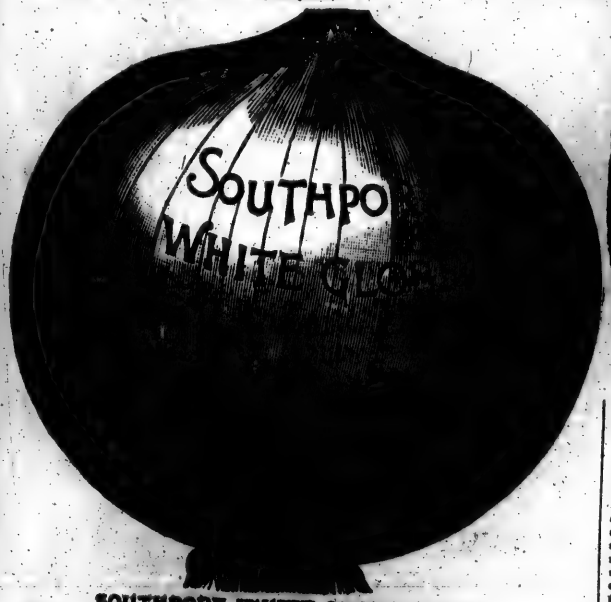
This new pepper is of beautiful habit, has long wavy branches, which are loaded with drooping fruit, the size and shape shown on plate. From the time the peppers form until fully grown, they are of a light, yellowish cream color. When fully grown they commence to change color, first to a lovely canary yellow, then to a deep orange, then to a rose or pink, and so on through different shades until they are an intense scarlet, vivid and luminous. As may be imagined, a plant bearing hundreds of peppers which show six or eight distinct colors, is an object of more than ordinary beauty. It is sure to become a favorite pot plant as well as a useful vegetable. It grows very freely in the garden or in pots and bears enormously. Its flavor is clear and sharp, and for any use to which a pepper can be put, it is second to none. Price, per pkt. 15c.

Giant Pera Cucumber

New Giant Pera.—This magnificent variety was first brought here from Turkey. They are of the most delicious flavor, no other cucumber we have ever eaten surpassing them. Another remarkable quality is that they are very crisp and tender at all stages, and can be eaten at any time during growth. They grow to an enormous size, frequently to one and one-half feet in length and ten to eleven inches in circumference; very smooth and straight, with a beautiful green skin. The vines grow vigorously, fruit sets near the hill and grows closely together, making them exceedingly prolific. The seed cavity is very small and the seeds are slow to form and few in number. Per oz., 25c.; pkt., 10c.

STACHYS AFFINIS

Chinese Artichoke or Vegetable Whitebait.—This new vegetable which we now offer for the second year is attracting wide attention. In England the agricultural and garden papers are praising it extravagantly and it is evident we have not known or appreciated its great value. Cooked like whitebait it is said to be a most excellent substitute for that popular dish. The bulbs are the size and shape as seen in the cut, and taste much like the tuber of an artichoke, and are good cooked in a variety of ways, fried, roasted, baked, etc. Planted the past season in ordinary soil, they yielded a bushel of tubers to every ten feet of row. The bulbs are very sweet, tender and nutritious. They are perfectly hardy, and like parsnips or artichokes are best if left in the ground till spring. They are then very sweet and delicious. Price of fine tubers, 15 cts. per doz.; 60c. per 100; $5 per 1,000 (post-paid.)



SOUTHPORT WHITE GLOBE ONION.

A large globe shaped Onion, firm, fine grained, of mild flavor; keeps well, of beautiful shape, clear white skin, and comes early into the highest market price. This is one of the handsomest onions grown. Our engraving is an exact representation of a fine specimen, and shows their handsome shape. We need to try this variety. Per lb., $1.50; ½ lb., 75c.; 1 oz., 25c.; pkt., 10c.

SOUTHPORT RED GLOBE ONION.—Same as above in description and price.

CABBAGE.—MAMMOTH RED ROCK.

The past season has substantiated the claim that this cabbage is sure to head, the heads are as large as the Flat Dutch, and always of deep red color, not only on the outside, but to the center. The pans and carefully grown stock we offer will under fair cultivation, produce in every plant a big, solid, deep red cabbage, handsome and highly satisfactory to the grower. This is by far the best Red Cabbage in existence. Per pkt., 10c.; 1 oz., 20c.; 2 oz., $1.25; ¼ lb., $2.50; 1 lb., $8.00.

DISHCLOTH GOURD

This remarkable plant derives its name from the peculiar lining of its fruit, which is a spongy, tough and very durable substance which renders it very valuable as a natural dishcloth. The fruit is about two feet in length, and the large yellow flowers, produced on very ornamental vines form a pleasing contrast to the silvery shaded dark green foliage. 5c., (10c.); pkt., 15c.

NEW UPLAND CRESS.

It has the flavor and highly prized power of the Water Cress; it is so hardy as to be grown nearly the whole year, and starts late growth and is ready for use before any other salad in the spring. Can be eaten like lettuce or boiled as spinach. It is, therefore, one of the best new and distinct vegetables of its class that has been offered for some years. Per pkt., 10c.

UPLAND CRESS

OUR ART COLLECTION OF CHOICE SELECTED FLOWER SEEDS

NO expense has been spared in procuring and preparing the following select collections of **Choicest Flower Seeds** in cultivation; the object being to supply our customers with the greatest variety of kinds and shades of colors in each package, that every one in the land may enjoy the pleasure of the most beautiful flowers at the lowest possible cost. It is a new departure in the trade, and one which, we think, will commend itself to all lovers of flowers.

Each package contains a mixture of a greater number of new and rare sorts than could be obtained, if purchased in separate varieties, for ten to twenty times the price.

Each package is handsomely lithographed in colors, representing, as near as possible, the size of flower and some of the colors; the artist, however, can give but a faint idea of the exquisite beauty to which they attain by careful treatment in cultivation.

MOON FLOWER OR EVENING GLORY.

A very rapid summer climber, with beautiful foliage; being a free bloomer the effect on a moonlight night is charming. It is called Moon Flower, although it expands its flowers on dull days. The flowers are pure white, from five to six inches in diameter, emitting a rich Jessamine-like odor at night.

LARGE FLOWERING PANSIES.

Novelty Strains.

In this superb collection we have an almost endless variety of exquisite shades of colors, including the largest sized flowers in cultivation. Twenty-five distinct varieties mixed.

NEW FANCY PETUNIAS.

These Petunias produce a great profusion of flowers, the shape of which is perfect, and the colors and variegations exquisite and attractive, embracing spotted, striped, green-edged.

PHLOX DRUMMONDI.

Charming, New, Large Flowering.

A magnificent new strain of recent introduction; greatly improved flowers of dazzling color and brilliancy; for a mass of bloom and constant display, it is not excelled by any other annual.

SWEET PEAS
New Saratoga Fancy

SWAN RIVER DAISY.

An elegant little plant growing about eight inches high, with a charming daisy-like flower; very effective for edgings, beds, or rustic work.

SWEET PEAS.

New Saratoga Fancy.

Sweet Peas are to-day among the most popular and fashionable garden flowers. All the new and fancy colors mixed in every package. Our Sweet Peas have no equal.

NEW IMPROVED VERBENAS.

Mammoth Strain.

Exceptionally choice, including the best varieties in existence; unsurpassed, if equalled, in size and perfection of flowers, and range of colors. Many brilliant shades of color in each packet.

NEW ZINNIAS ZEBRA.

A Novelty

The most beautiful and brilliant selection of Double Zinnias ever offered; they will prove a surprise to every one, their novel and distinct appearance eclipsing anything before seen; many colors mixed.

ASTER

Charming New Victoria.

Without exception the finest Aster in cultivation; flower very large and perfectly double. An almost endless variety of shades and colors in each package. For an autumn display it has no equal among annual flowers.

BALSAM

Our Challenger Prize

The most magnificent strain of perfectly Double Balsams known; our selection includes the large-rose flowered, spotted or French Camellia, and many other equally handsome sorts, and in a multitude of colors.

CANDYTUFT

New Hybrids

A new and distinct strain of Dwarf Hybrid, sweet-scented Candytuft, perfectly hardy, blooms long and freely, and of rare colors. A great variety of colors, and the rarest sort in cultivation.

Superb New

DAHLIAS, SINGLE

or Mexican Butterfly Flower

This charming novelty is the most fashionable flower of the day. In England it has attained a popularity almost bewildering to a novice. For use as cut flowers and give quite as good, if not better, satisfaction than bulbs. All the choicest colors mixed, containing some of the finest strains in cultivation.

Beautiful

FAIRY PINKS

Something new and good from China and Japan. The delicacy and richness of their tints cannot be surpassed, while their aromatic fragrance is decidedly pleasant. They are quite as pretty for pot plants in the house as Carnations. We have taken great care in selecting our seed from many of the choicest colors.

FRENCH MARGUERITES

or Paris Daisies

These charming little flowers have fairly leaped into popularity of late, and may justly be styled the Queen of Flowers. They are easily grown from seed, from one to two feet high, and flower continuously. Many choice varieties and colors mixed.

New

GARDEN POPPIES

Single and Double

The dear old flower which our grandmother loved so much again occupies one of the first places in our gardens. For brilliant, dazzling colors, these new Poppies are unequalled. Some of the flowers are as large and double as the Peony, others with strange and handsome markings. Seeds of every shades of color in each package.

Charming New

MIGNONETTE

Golden Queen

A variety so fragrant that the whole atmosphere around is perfumed. Golden Queen can be distinguished from all other Mignonettes as far as it can be seen, and in, when in bloom, literally a mass of golden yellow; try it—it will exceed your expectations.

PRICE FOR ANY OF THE ABOVE "ART COLLECTIONS," 10 CENTS EA CH. This 16 Collections for $1.40. Any 11 Collections for $1.00

They will be sent by mail (postpaid) to any address in the United States on receipt of price named; no additional discount allowed.

OUR WILD GARDEN package contains about 100 VARIETIES. (See page 30)

Manettia Vine

THIS is the most beautiful and desirable of all vines, as it can be grown either in the house or garden, and is in bloom the greater part of the year. In the house, it can be trained all around a window, and it will be a solid wreath of bloom both summer and winter. In the open ground during summer, it will grow ten feet, branching freely, and covering a large space of trellis, arbor or wall, showing at all times thousands of its bright blossoms. The flowers are the size shown in the cut, and of the most intense fiery scarlet, shading off into a bright yellow tip; they are also covered with a scarlet mass of hairy substance, which adds much to their beauty, and each flower keeps perfect for weeks before falling. No plant is easier to grow, and it commences to bloom at once from the smallest cuttings, and *continues to bloom most profusely at all times.* There is not a day during its life that it is without flowers, if it has any sort of decent care. It being quite unknown, and of such striking beauty, either for screens, baskets, vases, windows, trellises, stumps, etc., that it attracts the admiration of every eye. Please 25 cents each (post-paid.)

NEW : MARGARET : CARNATION

These grand flowers are the most profusely flowering and best perennial Carnations which have ever been grown. *They flower most abundantly the first summer.* If sown in cold frame in March, and later on sown in open ground, they bloom in August and continue in flower till winter. Fine for pot culture in house for winter blooming. Price, per pkt., 15c.

Calliopsis Golden Wave

Probably the most effective of all annuals, for a mass of bright golden color. Plants very bushy and compact, about two feet in height, and covered from July to October with hundreds of beautiful golden blossoms, two inches across, with small dark centres. It will grow in any situation and always be greatly admired. Pkt., 10c.

PLATYCODON Grandiflora

It is a new hardy plant from Japan, producing all summer abundance of star-shaped flowers, three inches across, of beautiful blue and white colors. Hardy, lives and blooms for years, increasing in size and beauty yearly. Plants grow three feet high and produce beautiful bloom. Blooms first summer from seed. Mixed colors, pkt., 15c.

PLATYCODON

VIOLET LADY In White.

Of all the varied plants introduced this is one of the best. For pot culture in the house or planting in the garden, it is equally valuable. In pots grows luxuriantly and loaded with flowers. In the garden it is hardy with slight protection. Its growth is vigorous and healthy, bearing in great numbers very large, perfectly double flowers of pure snowy whiteness and unexcelled fragrance Per pkt., 10c.

Schizopetalum

A curious little annual which germinates quick and grows 6 to 8 inches high, producing freely, pretty snow-white isolated flowers as seen in the cut. It is also very sweet scented. It grows freely and is one of the many odd and unknown little flowers which is sure to prove attractive.

Mixture, pure white and fragrant, per pkt., 5c.

VIOLET LADY IN WHITE.

The New Hardy Day Blooming Moon Flower

(Ipomea Panburata)

THIS is the latest acquisition to our list of Hardy Perennial Climbers, and one that we doubt not will give the utmost satisfaction, blooming as it does in the day time. Imagine 1,000 flowers measuring 3½ to 5 inches across, open on one vine at once; the color being white, shaded to pink and purple at the throat, and the blooming period (although less profusely) extending for several months. Grown with the Night Blooming Moon Flower, we think this new variety will give the utmost satisfaction. This climber has proved quite hardy in the neighborhood of Boston, and with due protection will, we think, do well here.

PRICE

Strong tubers, 25c. each
3 for 50cts. (post-paid)

A New Pansy, "The Peacock"

A striking variety; the form and substance of the flower is very perfect, the upper petals being of a beautiful ultramarine blue, resembling in shade the peacock feather, while the lateral lower petals are of a deep claret, with white margins. Per pkt., 25c.

A New Yellow Calla Lily

We have succeeded in securing a limited quantity of this fine new Lily, the flowers of which are like the ordinary Calla, except that they are a deep brilliant golden yellow. Bulbs, price, each, $2.00.

White Calla Lily, or Lily of the Nile

The common variety of which we have some fine bulbs in best condition for winter blooming. Bulbs, each, 25c.

Spotted Calla, for full description see page 42. Bulbs, each, 25c.
Special Offer, for $2.25 we will send one each of the 3 Callas.

WHITE CALLA or LILY OF THE NILE

OXALIS GOLDEN STAR (ORIGINAL)

The Golden Star Oxalis (Oxalis Original.) This may well be called the "Ever-Blooming Oxalis," as it blooms almost the whole year round. Being of rapid and hardy growth, it is soon covered with hundreds of its clear yellow flowers, lasting many days and succeeding each other continuously. The foliage, as will be seen from our illustration, is of peculiar, fish-tail form, [illegible] and purple beneath, colors which contrast beautifully with the golden yellow flowers. It will prove a very valuable and ornamental pot plant for the [illegible] garden, and a source of delight wherever grown—older and younger. [illegible] 25 cents.

NEW CANNA | Star of 1891. The Everblooming Canna

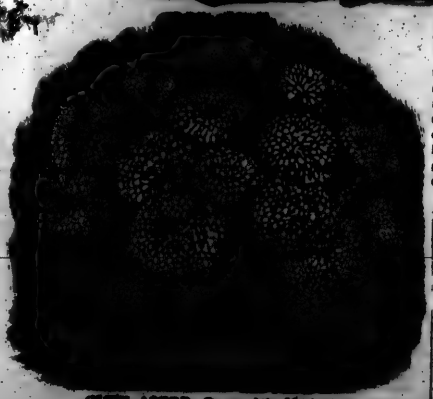
HISTORY

THIS PLANT was raised from Crozy Prize seed by a Mr. Cocke, of Virginia. Its great novelty and beauty in habit of growth, large size, and brilliant color and perpetual blooming habit prompted him to send it to Mr. Wm. Falconer, the eminent and far-famed gardener of Mr. Dana, editor of the *New York Sun*, who tests all floral novelties from all parts of the world. Mr. F. grew it in a pot over winter, and its size, profusion and brilliancy of bloom eclipsed everything. He says: I have no hesitation in pronouncing Canna Star of 1891 the grandest flowering Canna that I have ever grown or ever seen. The habit of the plant is very dwarf, but with full fine foliage, and it has a persistent habit of throwing up fresh sprouts from the base. Every sprout produces a flower-spike, which in its turn becomes many-branched, each branch bearing from 12 to 17 blossoms, each blossom 4 to 5 inches wide, and each petal 1½ inch broad. The color of the flowers is glowing orange-scarlet, faintly banded with golden-yellow. And the plant is, from tiny morsels to big specimens, very prolifically in bloom. Their brilliance is unsurpassed, and as a house or green-house winter-blooming plant it is going to cause a great sensation. It never ceases growing and blooming, and its blossoms under glass are larger, brighter, and longer lasting than they are out of doors. Even Poinsettias pale before them. Aside from its originator, I have a more intimate knowledge of this splendid Canna than has anyone else, for I have had it since last year, and grown it in the greenhouse for its flowers in winter, and planted outside in summer. It is very dwarf, not an ending 2 or 3 feet in the open ground, and still has its pick. Its flowers are very large, 4 to 5 inches across, and the mass of buds and blossoms form a solid panicle. No matter how small a plant is, the first thing it does after it is planted is to send up a flower stalk and bloom, and this it will do without ceasing, as long as it is cared for. Price of strong plants, which will commence bloming at once, either in pots or the open ground, 60 cts each (post-paid.)

ASTER
Queen of the Market

A novelty of recent introduction, blooming weeks before any other variety. The colors are white, blue, rose and red, and are admirably suited for cutting on account of their long flower stalks. The engraving shows the plant more dwarf than it really is.

Price *per* pkt. 25c.



(NEW ASTER—Queen of the Market)

THE RESURRECTION PLANT

CLOSED

(RESURRECTION PLANT)—OPEN

Imagine a bunch of withered looking curled up shoots, brown, stiff and apparently dead, resembling a bird's nest. Place it in water. In an hour what a transformation! The withered looking bunch has now opened, and is transformed into a lovely patch of bright green moss. In its native home, when the dry season sets in, the plant curls up into a round ball, and is wafted away by winds from place to place, sometimes for hundreds of miles; when at last it reaches a moist spot, it gradually unfolds itself, makes new roots and thrives in its new found home. Each, 15c.; 2 for 25c. (post-paid.)

EMPEROR PETUNIAS

Last season we offered only the "Malmaison Lace" of this truly grand strain of Emperor Petunias which for marvelous beauty and gorgeous coloring are unexcelled. They carry a large mass of blooms all summer and many blossoms are 3 to 4 inches across and are beautifully striped, blotched, and spotted; and are the admiration of all who see them.

Price per packet, 25 cents.

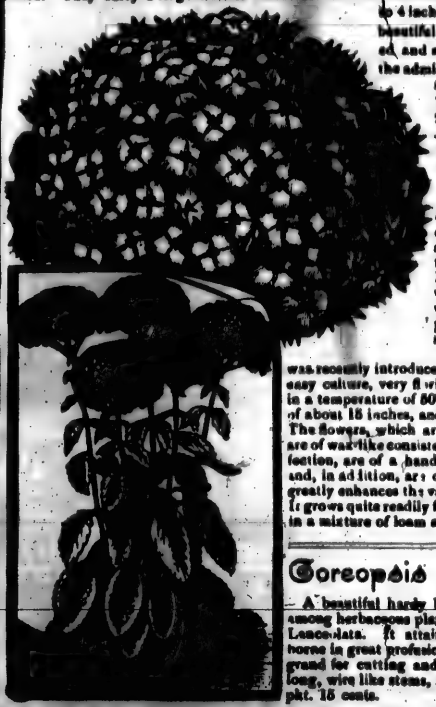
The Pink Ostrich Plume Chrysanthemum

"LOUIS : BOEHMER"

THE greatest novelty in plants this coming season will be the Pink Ostrich Plume Chrysanthemum, "*Louis Boehmer*."

The title Ostrich Plume, was applied to the first of this new type of the Chrysanthemum (Mme. Alphonse Hardy) to distinguish it for all time from those previously known, but more particularly to direct attention to the soft feathery growth with which the flowers are thickly studded, forming a striking resemblance to an Ostrich Plume. The "Louis Boehmer" is identical in its orange and beautiful formation with that variety, but its color is an exquisite shade of silvery pink, with deep rose on the inside of the petals, and in addition is of more vigorous constitution, being one of the strongest growing varieties we have, so that it is certain to produce perfect flowers under the most ordinary cultivation and with little care will have blooms *nearly double the size* of the Prototype Plants. Price, plants (post-paid), each, 60c.

PETUNIA (Emperor Strain)



Kalanchoe Carnea

This strikingly beautiful decorative plant commences to flower at Christmas, and continues in bloom throughout January and February, and is a most welcome addition to the winter flora; its bright and pleasing color being very attractive during the dull winter months. The plant was recently introduced from South Africa, is of easy culture, very floriferous, and succeeds well in a temperature of 50° to 55°; it attains a height of about 15 inches, and is of good bushy habit. The flowers, which are borne in large clusters, are of wax-like consistency, last a long time in perfection, are of a handsome delicate pink color, and, in addition, are deliciously fragrant, which greatly enhances the value of the charming plant. It grows quite readily from seeds, and thrives best in a mixture of loam and sand. Pkt., 40c.

Coreopsis : Lanceolata

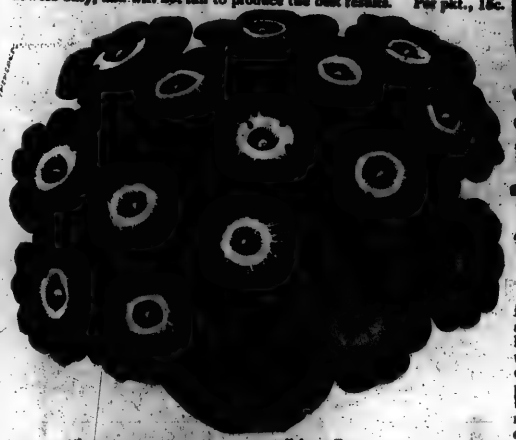
A beautiful hardy border plant; grows fifteen to eighteen inches high. Nowhere among herbaceous plants is there a more showy or striking perennial than Coreopsis Lanceolata. It attains the height of 3 feet, the rag-like flowers of golden yellow, borne in great profusion, standing out well against the light and pretty foliage. It is grand for cutting and decorative purposes, the flowers showing to advantage on the long, wire like stems, and are of lasting quality. Of easy culture. Sow seed in April out of doors. Per pkt. 15 cents.

ECKFORD'S LARGE FLOWERING SWEET PEAS

The characteristics of Eckford's New Large Flowering Sweet Peas are that, while they possess the same delicious perfume as any of the ordinary varieties, the flowers, produced in profusion, are nearly double the size, are more perfect in form, and present combinations in markings and colors heretofore unknown in this exquisite flower. Choicest Mixed Colors, 15c. per pkt., 2 pkts. for 25c.

VERBENA

New Mammoth Strain.—This distinct and superb class of Verbenas, also offered as "Grandiflora," is a remarkable improvement on the older varieties. It produces flowers of an enormous size, the florets being fully one inch in diameter, with clearly defined margins and white eyes. Our illustration represents extremely well the size, fine form, and delicate shading of this magnificent flower. Our seed is saved from the finest flowers only, and will not fail to produce the best results. Per pkt., 15c.



MINIATURE SUNFLOWER

THE Gorgeous ANNUAL POINSETTIA

"Mexican Fire Plant" or "Fire on the Mountain."

(Euphorbia heterophylla or cyathophora.)

This glorious novelty is an annual of the easiest culture, forming bushy plants 3 to 4 ft high, with glossy green fiddle-shaped leaves, which form at the ends of the branches into large whorls and bracts, among which small green flowers appear in summer, and immediately after the leaves commence to color up. The smaller bracts among the flowers are of a brilliant orange-scarlet, and the large surrounding leaves soon become blazed with a darker fiery scarlet, so that only a tip of green is left. As these colored bracts almost cover the plant, the effect is indescribably grand. The seeds growsoasily if sown in the open ground as soon as it is warm enough, but if they can be started early in the house or hot bed the brilliant scarlet color will appear much earlier in the season, and is always retained until frost. The plants should be grown in a warm situation, fully exposed to the sun, which enhances the brilliancy and hastens the coloring. If they are pruned when young they branch out into finely formed bushes. Water plentifully in dry hot weather. This "*Annual Poinsettia*" is also valuable as a pot plant for house culture. Seeds sown early in the summer will produce plants that retain their glowing scarlet leaves and bracts all winter. Per pkt., 25c.

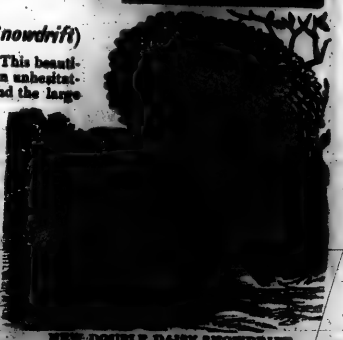
A most beautiful and characteristic Japanese variety, of healthy and luxuriant growth; attaining a height of about 5 feet, bearing an unusually large number of large double flowers of distinct and picturesque beauty; the petals are beautifully frilled, of rich wine maroon at the base, shading to cherry red and edged white. Its striking effect attracts the attention of the most uninterested. Price, per kt., 25c.

NEW DOUBLE DAISY—(*Snowdrift*)

Of all daisies grown from seed this is decidedly the best. This beautiful new variety is much ahead of all old varieties, and we can unhesitatingly recommend it. It is a sport from the Longfellow, and the large flowers are perfectly double and of the purest white color. Per pkt., 25c.

New Miniature SUNFLOWER

The extreme popularity of all this large family for the past few years has been remarkable, and in this new variety we have a flower which is not only bright and showy, but elegant in shape, and of a size convenient for wearing and for bouquets. The plants are dwarf and very bushy, very free-blooming, with small fine foliage. Flowers are single, bright yellow, with a dark centre and very decorative; they last for days when cut, and bloom from July until frost. Per pkt 10c.



NEW DOUBLE DAISY SNOWDRIFT

OUR POPPY COLLECTION

"Peacock Peonies."—This beautifully new Poppy is of a dwarf habit, and very fair flowering and has a conspicuous glossy black zone, which marks the petals near the base, forming a complete ring, which shows to great advantage on the brilliant scarlet ground. Per pkt., 10c.

Snowdrift.—A new variety of very dwarf, compact habit, bearing pure snow-white flowers, as large and fine as any Peony. This and Peacock attracted great attention last season. They are the finest novelties of this year. Be sure to give them a trial. Per pkt., 10c.

"Mikado."—A new sort and strikingly beautiful. Petals beautifully cut, fringed on the outer ends, and they come together whole at base; location of colors very strange; base of petals or body of flowers pure white, while fringed ends of petals are of a brilliant crimson-scarlet, making a strange and beautiful contrast. Per pkt., 10c.

Victoria Cross Poppy.—This is a selection from the New Danebrog, and it is impossible to fitly describe the brilliant beauty of the flowers. The centre represents a Maltese Cross of white (this color pervading both sides of petal,) with an outer zone of amber stamens, the disc radiating in yellow bars upon a bed of green. The larger surface of the petals is of a rich vermilion crimson — altogether a most equisite novelty, easily cultivated as a border flower or as a pot plant in cool frame for indoor decoration. Pkt., 10c.

VICTORIA CROSS

Oriental or Monarch Poppy—This variety will bloom the following spring, if the seed is sown in the fall. The foliage is massive and beautiful, and the flowers are simply grand, both in size and coloring, borne on a flower-stem from 2 to 3 feet high. The flowers often measure 6 to 9 inches across, rich scarlet, with large black blotches at base, with a beautiful and curious roseate centre. Pkt. 10c.

SHIRLEY

Shirley Poppies—The range of colors is simply superb, extending from pure white, through the most delicate shades of pale pink, rose and carmine, to deepest crimson. The color so varies that scarcely two flowers will be found exactly alike, while, to add to the effect, many are most delicately edged, shaded and striped. Their forms are most beautiful, being generally single or semi-double, rendering them very valuable for bouquets, etc., as the blooms, when cut young, will stand for several days without drooping or fading. Pkt. 10c.

NOTE.—We will mail one paper each of the above six new Poppies for only 50c.

:: Ragged Sailor, Corn Flower or Blue Bottle ::

The National Flower of Germany and celebrated as the late Emperor William's favorite flower.

THE DOUBLE FLOWERED CORN FLOWER

Who does not know and love the old-fashioned Ragged Sailor or Bluets, cherished in our old gardens, and its praises sung by poets? It retained its primitiveness for years, but at last has sported, and produced what may be justly called double flowers of unusual large size and filled up to the centre with florets, forming handsome globular flower heads. We offer the seed in mixed colors, which contain in addition to the usual colours of light and dark blue, white pink and red; several striking new shades, such as dark red with light blue edges, white striped with red and blue, etc. A continuous bloomer of great value as a cut flower, destined to unparalleled popularity and highly recommended. Per pkt., 15c.

NEW: ENGLISH: PRIMROSES

The new English Primroses comprise the most enchanting shades, all of which are distinct and beautiful. There is not a dull or ineffectual color among them; all are most effective and bright. They are of the easiest possible culture, growing readily and producing their flowers in the greatest profusion. Dotted here and there on the rock work, they make a most enchanting display in early spring. For the border they are splendid, making a grand display grown in clumps. Also excellent subjects for growing in pots or pans. Protect during winter. Per pkt., 15c.

ENGLISH PRIMROSE

OUR RARE

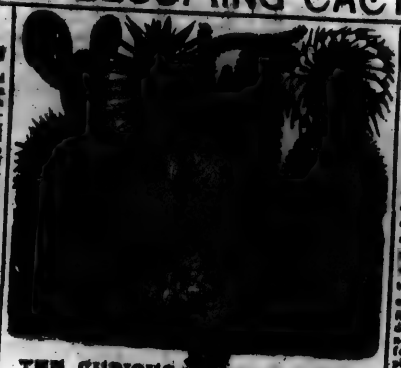
FREE BLOOMING CACTUS

The Queen Cactus.
Photo courtesy Author.

QUEEN CACTUS

This grand Cactus several feet high. The flowers appear at evening and last all night, and are the grandest of all night blooming plants, nearly 10 inches across, and of the purest white color, delicately shaded pink outside, with a most lovely form and texture. It is not unusual for a large plant to have 50 to 100 of these enormous flowers open at once. It blooms freely every year.

Plants, each 50c.



TEN CURIOUS CACTI PLANTS.

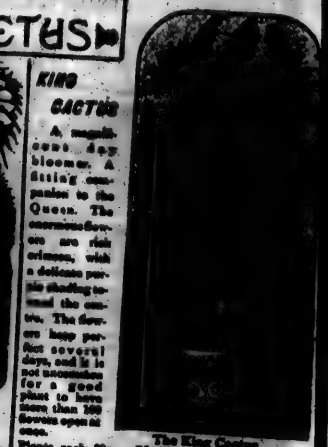
By Express only, $1.00.

CACTUS require absolutely no care. They grow for months in the house or garden without water, and bloom in value year by year. No wonder they have become all the rage, for their flowers which are of exquisite beauty and fragrance, and their curious forms rendered them exceedingly interesting. In winter they require scarcely any water. We send by mail 10 fine plants of blooming size, each one distinct and named, for $1.00; 5 for 50c. They will please you.

CACTUS SEED

Growing Cactus from seed affords untold interest and pleasure. Sow under glass in light sandy soil. We offer two separate sorts and a grand mixture.

	Per pkt.
Opuntia Leucotricha, (Candle Cactus), grows very fast from seed	25
Cereus Giganteus, the Giant Cactus	25
Mixed Seed of thirty fine varieties	25



The King Cactus.
Photo courtesy Author.

KING CACTUS

A magnificent day bloomer. A fitting companion to the Queen. The enormous flowers are rich crimson, with a delicate purple shading toward the centre. The flowers keep perfect several days, and it is not uncommon for a good plant to have more than 100 flowers open at once.

Plants, each, 50c.

LIVING ROCK

(Ambolonium Pilsoratum.)

Looking at this curiosity, no one would think it was a plant. Looks like a piece of carved woodwork, on which days of labor have been spent. So tenacious of life is it that it need not be watered more than once a month. When in bloom it is yet more attractive. Plants sold elsewhere at $2.00 to $5.00 each. Our price is 50 cents each.

RAINBOW CACTUS

This Cactus deserves the first place in every collection, for beauty of spines, which are equal. Crimson violet, shading to white, remain many days. Plants 25c., 50c. and $3.00, according to size.

STAPELIA

Star Fish Cactus

Stapelia, which we illustrate herewith, bears beautiful and very large flowers, leathery texture, buff yellow with maroon markings, of wonderful construction. Astonishes with its profusion of bloom and distinct character. It grows with the greatest ease in any kind of soil, and flowers when quite small. Plants, price, 10 cents.

AMORPHOPHALLUS RIVIERI

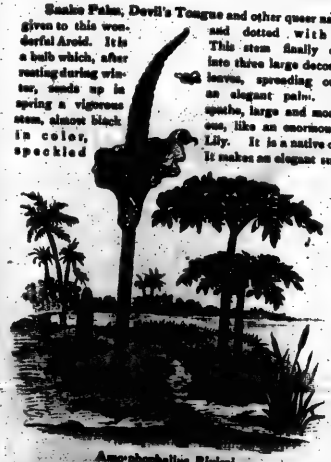
Snake Palm, Devil's Tongue and other queer names are given to this wonderful Aroid. It is a bulb which, after resting during winter, sends up in spring a vigorous stem, almost black in color, speckled and dotted with rose. This stem finally expands into three large decompound leaves, spreading out like an elegant palm. Flower spathe, large and most curious, like an enormous dark Red Calla Lily. It is a native of Cochin, China. It makes an elegant subject for the lawn.

BULBS,

Price,

50c. to $2.00.

Plant out in summer, or grow in pots or tubs, in good, rich soil, and in winter keep the bulb dry and away from frost.



Amorphophallus Rivieri.

Sanseveria Zeylanica.

BRYOPHYLLUM CALYCINUM

A most curious succulent from India, the leaves of which when cut off and put in moist place will produce small plants from each notch. It is a fine and bold foliage plant, which bears large panicles of very interesting flowers, remaining fresh for several weeks and never failing to attract attention. Delights in a rich loamy soil. The experiments with the leaves will surely please you, as well as increase your stock of plants. Strong plants, 25c. each.

Bryophyllum Calycinum

Sanseveria Zeylanica

—A beautiful plant, splendidly adapted for the decoration of drawing-rooms and halls, as it stands drought and dust with impunity, and requires scarcely any water. The leaves as shown in cut, grow to a length of three to four feet, and are beautifully striped crosswise, with broad white variegations on a dark green ground. It is a rare and beautiful plant which should be abundantly grown for positions out of the reach of sunlight, where other plants will not thrive. When you consider that it can be placed in any position in any room and do well its great usefulness is at once apparent. It has a singular beauty for decorative purposes which other plants do not possess, and is useful both winter and summer. For vases and baskets it is a fine center piece, and grows splendidly out of doors during summer. Fine plants, 50c. each; 4 for $1.00.

DOUBLE GOLDEN DATURA

DOUBLE GOLDEN DATURA

(*D. Chlorantha fl. pl.*)

We do not offer this as a new variety by any means, but its striking beauty induces us to prominently offer it. It is an annual of rapid and luxuriant growth, forming bushes about two feet high, and bearing large golden yellow funnel-shaped flowers fully three inches long and nearly as broad, called double from the fact that the flowers are formed of usually three funnels set one inside of the other; very fragrant. A free flowering and handsome species. (*See cut.*) Pkt., 15c.

THE GIANT SPIDER PLANT
or CLEOME PUNGENS

The leaves and blossoms of this curious plant have a charming fragrance and its appearance justifies the name given. It is an annual known to botanists, but which seemes to have never been introduced, at which we greatly wonder. Seed sown in the open ground in May commenced blooming July 1st, and continued in the greatest profusion until frost, attaining a height of five or six feet, with great panicles of bloom as large as a Hydrangea. The flowers are a deep purplish pink, when they first open, but fade to light pink, so that the lower part of the panicle is a different color from the top part. The stamens are several inches long, which gives it the name of Spider Flower. After it commences to bloom, this plant is never out of flower while it lives. Winds or rains do not injure it. It was the only flower which withstood the heavy rains and storm without injury or blemish. It is exceedingly showy and for a situation where a tall plant is desirable, no annual can surpass it. Per pkt., 15c.

Stevia Serrata.—Most desirable for the garden, for ribbon lines in summer bedding. Its foliage is variegated white and light green, but viewed from a little distance the effect is practically white. Owing to its bushy habit and small foliage, it is not ragged when trimmed, as are many bedding plants. The flowers are small, pretty and white, though inconspicuous because of the white effect of the foliage. Price, per pkt., 10c.

Fraxinella or Gas Plant

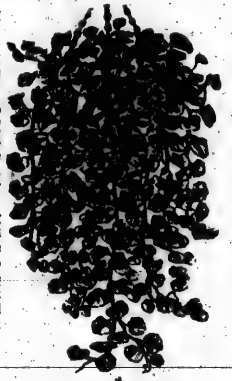
The late Chas. Downing said, "If I were confined to a single herbaceous perennial plant, it would be the Fraxinella. It is perfectly hardy. The ordinary purplish pink form, while not showy, is stately and the white variety is really handsome. Moreover, the flowers remain for a long time, while the odor is like that of lemon peel. The whole plant is pervaded by a volatile oil, which is produced in the greatest abundance by the glands that beset the flower-stalks. This oil, on a warm still day, is converted into a vapor so abundant that when a flame is brought in contact with it, there is a slight explosion and a bright flash, which is so sudden that the plant sustains no injury." We use a French illustration to show the plant, but you will find that a warm, still day and a match, if one has the plant, is all the apparatus required for this curious experiment. It has strong, fresh, pleasant lemon perfume, particularly if you rub the flower. Seed per pkt., 10c.

FRAXINELLA OR GAS PLANT

Clechoma Hederacea var

(*Nepeta Glechoma.*)

A new trailing plant of the Catnip family, with beautiful white and green leaves. The leaves also have a refreshing fragrance. It will no doubt become one of our most useful plants for festooning work such as drooping from hanging baskets, vases, fancy pots, etc., its rapid growth rendering it unequalled for the purpose, while we have no doubt it will also be largely used in cemeteries to cover the graves, as it is entirely hardy and we think more ornamental than almost anything in use for that purpose at present. For massing in the garden or on the lawn, to trail over stones or stumps or in fact for any sort of decoration it is splended. Plants, 20c. each; 3 for 50c.



GLECHOMA HEDERACES

Our Collection in Grasses

—We this season offer a very choice selection of about 20 varieties of ornamental grasses mixed is one packet.- These take time in their development, but will be sure to please and are preferable to buying each variety separate. Price, per pkt., 10c.

East Indian Mountain Fleece

(*Polygonum amplexicaule var. cryptolithum*). This is one of the loveliest and most deliciously fragrant white fleecy flowers that has ever been introduced, and too, it is a hardy, herbaceous perennial, easy to grow, robust, and extremely profuse, and it blossoms in the fall—from the middle of September until the middle of October, after the flush of summer flowers is past, and before Chrysanthemums come in, thus coming at a time when fine, hardy flowers are scarce and much appreciated. It is a native of the Himalaya Mountains, whence it was introduced ten years ago to the Royal Botanic Gardens, Kew, London. Our picture is from a photograph taken October 15th last, of what was thought the most remarkable plant under Mr. Falconer's care. It was then a mass of *snowy bloom, some ten feet across.* The stems are 2½ to 3½ feet high, leafy from the base, and arise from a stout spreading root. The flowers are very numerous, small, white, changing to pink; stained with age, deliciously fragrant, of fleecy appearance, and arranged in auxiliary and terminal or panicled racemes. The panicles last as long and perfectly as dried flowers. Plants, each, 25c.

"Fashioned in softest, daintiest cut mould
Like spring thought in the heart of winter old."

Æsthetic tastes are delighted with our new and unique collection of these charming flowers. Their chaste and simple forms are peculiarly charming, and the variety and richness of coloring is magnificent. Every collection contains one packet each of the following:

ÆSTHETIC COLLECTION FOR ART GARDENS

Variegated Single Dahlia, Shirley Poppy, Antique Chrysanthemum, Golden Coreopsis, Japanese Pinks, Hybrid Cosmos, Venusvious Pink, Star Gazer Pansy Pansy, Sherris Sorrel, Golden Gaillardia, Snowdrift Daisy, and Miniature Sunflower.

The Twelve above varieties free by mail for 75 cts.

PENTSTEMON

Beautiful and attractive, hardy, herbaceous plants, with richly colored flowers in spikes of Gloxinia-like form, shaded and mottled in all colors. Succeeds in a light loam, and should have a dry situation, as they suffer more from wet than cold during the winter. Seed per pkt., 10c.

Campanula

"CUP AND SAUCER."

A new and beautiful variety; a most desirable and attractive addition to this class of old garden favorites. The bell or trumpet is nearly four inches in diameter, Presenting the form of a saucer, as shown in illustration. The plant is of strong growth, quite as hardy and floriferous as the old blue variety, and is very elegant and handsome when in flower, the blossoms literally hiding the plant; it is highly ornamental in the flower border or potted for conservatory decoration. Per pkt., 10c.

CAMPANULA

Petunia, Large Flowering Double Fringed—This new variety is the result of careful foundation of the large flowering single fringed Petunias with pollen taken from blooms of the best double fringed varieties. For richness and delicacy of tint it is unsurpassed, and yields at least 25 per cent. of plants that never fail to elicit the most unqualified praise; various shades, mixed. Per pkt., 50c.

CLEMATIS DAVIDIANA

CLEMATIS DAVIDIANA

This fine Japanese Clematis is one of the flowers of hardy plants. It is a shrubby, upright plant from 2 to 4 feet high, with fresh bright foliage. The flowers circle and cluster in the greatest profusion around each whorl of leaves, making several tiers (4 to 6) of clusters extending, one above the other, from near the ground to the top of the foliage. Flowers are long, tubular, bell-shaped, of perfect form, and distinct. Large, lavender color, of delicious fragrance. Plants that bloom the first year, fine 25c.; per doz. $2.50.

Seed of Clematis Davidiana. The seed comes very freely and blooms quickly. Per 25c.

GENERAL LIST OF SELECTED FLOWER SEEDS

IN ALL PARTS OF THE CIVILIZED WORLD, THE REFINEMENT, INNOCENCE, AND HAPPINESS OF THE PEOPLE MAY BE MEASURED BY THE FLOWERS THEY CULTIVATE.

ANNUALS grow, bloom and die the first year from Seed. **BIENNIALS** bloom the second year from Seed, and then die; though many, if sown early in the spring, will flower the first year. **PERENNIALS** usually bloom the second year from Seed, and continue to grow and bloom for many years. Some will also bloom the first year if sown early.

All Flower Seeds sent free by Mail on receipt of Price. : :- Full Cultural Directions on each Packet.

In giving orders for Flower Seeds it will be sufficient to send the **NUMBER ONLY**, but it will be necessary to state the **edition, or year, of the Catalogue** from which they are taken, as a new edition is annually published and numbers sometimes changed.

LIBERAL PREMIUMS!

On all orders for Flower Seeds in packets, the purchaser may select fifteen cents' worth extra for every dollar sent us. Thus—anyone sending us $1.00 may select seeds amounting to $1.15; for $2.00, seeds to the value of $2.35; for $3.00, seeds to the value of $3.60; for $4.00, seeds to the value of $4.80; for $5.00, seeds to the value of $6.00. Please tell your friends of our liberal offer. This discount applies to packets only. Postage stamps received the same as cash.

ABRONIA

Trailing plants, with prostrate branches several feet in length, and bearing clusters of sweet-scented flowers. Very much like the Verbena. Customers report the greatest success the second summer, from seed dropped from plants of the previous year. *Half-hardy annual.*

1. **Abronia umbellata,** rose-lilac, white eye, ½ ft. 5

Abutilon (see Greenhouse assortment).

ACONITUM (Monk's Hood, Wolfsbane)

Free-blooming plant, of easy culture; flowers blue and white; 3 ft. *Hardy perennial.*

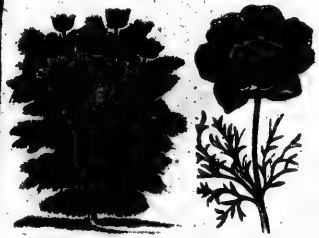
2. **Aconitum Napellus,** mixed, blue and white 5

ACROCLINIUM (Everlasting Flower)

One of the best, producing a great number of beautiful rose, pink and white flowers, with yellow centre. *Half-hardy annual.*

3. **Acroclinium Album,** white 5
4. —**roseum,** bright rose 5
5. —**mixed,** fine colors 5

ADONIS (Pheasant's Eye, Flos Adonis)



The foliage is very pretty, and the flowers brilliant, remaining for a long time in bloom. They will do well in a partially shaded situation, and may be used to advantage in any retired corner of the garden. *Hardy annual.*

6. **Adonis Æstivalis** (Flos Adonis). Deep crimson, 1 ft. 5
7. —**autumnalis.** (Pheasant's Eye). Intense blood red, with black centre; 1 ft. 5

ADLUMIA

(Mountain Fringe or Alleghany Vine)

It is a pretty and graceful climber, with pale green pinnate foliage; produces small pink and white flowers in abundance during the summer months. It is biennial, and makes but little growth the first season. Sow seed in spring in a damp and cool place, and in autumn transplant to the place where intended to bloom. The engraving gives a good form for training the vine, which grows about fifteen feet in length. *Hardy biennial.*

8. **Adlumia cirrhosa** 10

AGROSTIS NEBULOSA, Grass

9. **Agrostis Nebulosa,** most elegant, delicate, fine and feathery; 1½ ft. *Hardy annual,* 5

AGROSTEMMA (Jove's Flower)

The Agrostemmas are free bloomers, make attractive beds, and are useful for cutting. They present a beautiful appearance when grown in masses, or as a border for tall plants like the Gladiolus. *Hardy annual.*

10. **Agrostemma coeli rosea** (Rose of Heaven), deep rose, fringed; 1 ft. 5
11. —**coronaria (Rose Campion).** *Hardy perennial;* 1½ ft. 5

AGERATUM

Valuable, for bedding plants or for cut flowers; free bloomers and of long duration. When lifted and potted in the fall, and placed in the parlor, will keep up a succession of beautiful flowers all winter. *Half-hardy annual.*

12. **Ageratum Mexicanum,** blue, 1½ ft. 5
13. —**Album,** white, 1½ ft. 5
14. —**Wonlandii,** dwarf, blue, 1½ ft. 5
15. —**Wonlandii,** dwarf, white 5
16. —**Ada Bowman,** very good bedder 10

OUR CUSTOMERS OPINIONS.

We got our Seeds from you before and liked them so much.
MARY TURNEY, Woodstock, N.B.

The Seeds I got from you last year gave every satisfaction.
L. McMILLAN, Hillsburg, Ont.

I planted your Seeds last year; I think they are the best I have ever planted.
JAMES LORD, New Westminster, B.C.

300,000 PAPERS OF FLOWER SEEDS WERE SOLD BY US LAST YEAR.

DOUBLE CHINA ASTERS

> I have great pleasure in recommending your seed; always gives the best satisfaction.
>
> ED. SPRIGINGS,
> Waterville, Que.

This is not only one of the most popular, but also one of the most effective garden favorites, and there is no flower which combines so much beauty and variety of habit and shape with such brilliancy and richness of color as this. It has no equal among the annuals. It is splendid for bedding, bordering, or pot plants. **The Seed we offer has been saved from the very best double flowers only.** Give it rich soil and plenty of water for best results. *Half-hardy annual.*

This list is arranged according to size, commencing with the tallest.

WASHINGTON

One of the largest and finest varieties in cultivation; well-grown flowers have measured five inches in diameter. Per pkt.

17. **Many Colors,** mixed 10

NEW GROWN, or COCARDEAU

Central petals of purest white, making a striking contrast to the large, brilliantly-colored outer petals; very effective; 2 ft.

18. **Many Colors,** mixed 10

TRUFFAUT'S PÆONY PERFECTION

Large and remarkably fine flowers, with long, beautifully incurved petals, resembling those of the Pæony. One of the finest Asters cultivated; 2 ft.

19. **Pure White** 10
20. **White, with Dark Rose** 10
21. **Brilliant Rose** 10
22. **Light Blue** 10
23. **Dark Blue** 10
24. **Brilliant Scarlet,** new, effective 15
25. **Mixed Colors,** extra choice, ½ oz. 50c. 10
26. **Collection** of 6 distinct colors .. 40

VICTORIA

Undoubtedly the most handsome Aster in cultivation, of which we have an excellent strain. Flowers very large and perfectly double, of globular shape; fine pyramidal form; 1½ ft.

27. **Many Colors,** finest mixed 10

PYRAMIDAL HARLEQUIN

28. A new dwarf strain, of great beauty, the petals of the flowers being very irregularly colored, and the same plant often shows a great variety of blotched and streaked flowers. It is one of the latest to bloom, and is particularly valuable on that account 10

CHRYSANTHEMUM-FLOWERED DWARF

Of very compact growth; flowers from 3 to 4 inches in diameter, and very abundant; later than other varieties, therefore valuable for succession; 1 ft. Per pkt.

29. **White** 10
30. **Scarlet and White** 10
31. **Dark Blue** 10
32. **Light Blue** 10
33. **Rose, changing to White** 10
34. **Fiery,** a most striking color 10
35. **Many Colors,** choice mixed. ½ oz. 50c. 10
36. **Collection** of 6 separate colors .. 40

IMPROVED DWARF PYRAMIDAL BOUQUET

A magnificent dwarf variety, about 10 inches high. When well grown, a single plant forms a complete bouquet of pyramidal shape, and covers itself with blossoms, entirely hiding the foliage. Fine for edging and small beds.

37. **Fine Mixed,** many colors and shades 10
38. **New Rose,** large flowers, petals finely imbricated and of great substance, robust, and one of the very best; mixed colors; 2 ft. 10
39. **Snowball,** pure white 10
40. **Hedgehog,** or **Needle,** flowers large, with long-quilled, sharply pointed, curious-looking petals; mixed colors; 2 ft. 10

GERMAN QUILLED

41. **Many Colors,** choice mixed, ½ oz. 30c. 10

TALL ASTERS

42. In great variety, and many different classes mixed; ½ oz. 30c. 15

DWARF ASTERS

43. In great variety, and many different classes mixed; ½ oz. 30c. 15

ALYSSUM (Sweet)

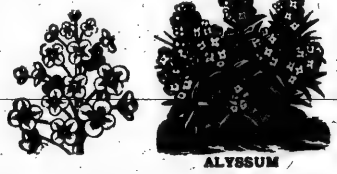
The Sweet Alyssum has pretty little white flowers, useful for making up in all kinds of small bouquets, and its fragrance, while sufficiently pronounced, is very delicate, reminding one of the peculiar aroma of the hay field. It grows freely from seed, either under glass or in the open ground, and makes a pretty border. The Alyssum is one of the very best plants for the basket or pot, which the lovers of flowers in this section have learned, as it is to be seen in many windows during the winter.

45. **Alyssum, Sweet,** flowers small and sweet, in clusters; 1 ft. *Hardy annual*; ¼ oz. 50c. 5
46. **—Benthami compactum,** is a new, dwarf, compact variety, not over 6 inches in height, bearing its pure white, fragrant flowers in greatest profusion. *Hardy annual* 10
47. **—Saxatile compactum,** Rock or Golden. *Hardy perennial* 5

ALONSOA (Mask Flower)

Are small, but of remarkably brilliant color, and make most desirable bedding plants. They flower freely, and continue in bloom from June till early frost. *Half-hardy annual.*

48. **Alonsoa grandiflora,** large-flowered, scarlet; 2 ft. 5



ALYSSUM

ALONSOA

49. **—Warszewiczii,** flowers small, bright scarlet, forming a pretty spike, 1½ ft... 5

AGATHEA (MARGUERITE)

Very pretty, free-blooming plant, bearing Cineraria-like flowers; 2 ft. *Hardy Annual.*

44. **Coelestis** (Blue Marguerite), celestial blue 10

ANMOBIUM

ANMOBIUM (EVERLASTING)

One of the hardiest of the Everlastings, with small but pretty white flowers. Valuable for forming bouquets in connection with grasses. Flowers should be gathered before fully opened. Start the seed under glass. *Hardy annual.*

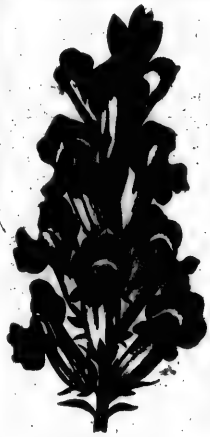
50. **Ammobium alatum,** white 5

AMPELOPSIS

(Miniature Virginia Creeper, or Japanese Ivy)

A Species of Woodbine from Japan, with very pretty olive green foliage, which turns to bright scarlet, crimson and orange, in the fall. It does not require fastening, as it clings to the smoothest walls. It is perfectly hardy, and is fast becoming a general favorite. *Perennial.*

51. **Ampelopsis Veitchii** 10
See PLANT LIST, for Well Grown Plants.



ANTIRRHINUM

ANTIRRHINUM

(SNAPDRAGON)

One of the very best of our perennials. Spring sown seedlings will bloom in beds or borders the first season. By removing a portion of the flower stem in the summer, the plants will throw up young shoots for autumn, making plants that will endure almost any winter. The seed we offer is from one of the finest collections. *Hardy perennials.*

52. **Antirrhinum major,** choice colors; 2 ft 5
53. —**Tom Thumb,** mixed colors; ½ ft 5

ANEMONE

("WIND FLOWER")

One of the earliest and prettiest of our spring flowers. The flowers are large, poppy-like in form, and run through various shades of scarlet, purple, blue, white and striped, and often will be found varieties with an eye of a different hue from the rest of the flower. *Hardy perennial.*

54. **Anemone coronaria,** mixed colors; ½ ft 10

ARABIS (Rock Cress)

An exceedingly early and very pretty spring flowering plant, producing an abundance of small white flowers, which contrast beautifully with the yellow Alyssum in borders or ribbons. It is admirably adapted for rock-work, edgings, etc. Grows about 9 inches high, and succeeds in any good garden soil. *Hardy perennial.*

55. **Arabis alpina** 10

ASPERULA

ASPERULA

A most profuse bloomer, and of dwarf habit. The flowers are very *sweet-scented*, and last a long time in perfection; for making up small bouquets it is all that can be desired. *Hardy annual.*

56. **Asperula azurea setosa,** light blue, 1 ft 5
57. **Avena sterilis (animated oats),** very graceful, with large drooping spikes on slender stems; 2½ ft. *Hardy annual* 5

AURICULA

A dwarf growing plant, bearing umbels of fragrant flowers of many rich and beautiful colors. A great favorite in Britain, where flower shows are held of this plant alone. *Hardy perennial*; ½ ft.

58. **Extra Choice Mixed.** From a prize collection 15

AROTOTIS

Very showy and interesting border plants; native of the Cape of Good Hope. *Half-hardy annual.*

59. **Arctotis brevicapa,** large orange-colored flowers, with dark centre; 1½ ft 5

AMARANTHUS

SUNRISE

TRICOLOR—(Joseph's Coat)

The Amaranthus family embraces numerous plants, valuable for the beauty of their foliage; many of the varieties have handsomely formed and highly colored leaves. They are very effective for autumn decorations, and are seldom equalled by any similar class of plants. *Half hardy annuals*

60. **Amaranthus bicolor ruber,** leaves bright scarlet, green striped and shaded purple red, sometimes pointed yellow, 1 ft 5
61. —**caudatus** (Love-Lies-Bleeding), long, drooping sprays of flowers, 3 ft 5
62. —**monstrosus** (Giant Prince's Feather) large and handsome, variegated foliage 5
63. —**melancholicus ruber,** compact, rich blood red foliage, 2 ft 5
64. —**salicifolius** (Fountain Plant), gracefully drooping willow-shaped leaves, brilliantly banded and tipped with orange, carmine and bronze, 3 ft 5
65. —**tricolor** (Joseph's Coat), leaves scarlet, yellow and green, 1½ ft 5
66. —**sunrise,** the most brilliant of the family. The top of plant brilliant crimson 10

ANAGALLIS

ANAGALLIS

Lovely dwarf plants, very effective as edgings, beautiful as pot plants, and valuable for rock works. *Half-hardy annuals.*

67. **Anagallis grandiflora,** blue, ½ ft 5
68. ——**sanguinea,** bright ruby, ½ ft 5
69. —**finest mixed** 5

ARGEMONE

(PRICKLY POPPY)

Exceedingly showy, free flowering border plants, with large poppy-like flowers. The foliage is large, pretty in form, and of a light green color, the leaves very much resemble the thistle. *Hardy annual.*

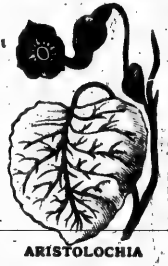
ARGEMONE

70. **Argemone Mexicana,** flowers, bright yellow; 2 ft. 5c.

ARISTOLOCHIA

(DUTCHMAN'S PIPE)

A quick growing hardy Climber, attaining a height of thirty feet. The flowers are curved like a siphon, and of a rich purple color. On the banks of the Rhine and in most Continental cities the luxuriant foliage of this plant is an object of admiration to visitors. Start seed under glass, cover thinly, and transplant when weather becomes warm. *Hardy perennial.*



ARISTOLOCHIA

71. **Aristolochia siphe** 10
See PLANT LIST.

AQUILEGIA

(COLUMBINE)

The odd and peculiar formation of the flowers of the new and double sorts render them well worthy of cultivation. They embrace a great variety of colors, exceedingly showy, and rank among the best plants for early summer blooming. Can be increased by a division of the roots. *Hardy perennial.*

72. **Aquilegia,** choice mixed, double varieties; 2 ft 5

FOR EARLY BLOOM—Flowering soon after the seed is sown, we would recommend Alyssum, Candytuft, Calliopsis, Gilia, Larkspur, Mignonette, Petunia, Phlox and Double Poppies.

BALSAMS

With a good, rich soil, and proper care, plants and flowers of the greatest excellence are produced. Sow in a frame or bed, and transplant when two or three inches in height. The Balsam loves a warm place. When the plants appear to be making too thick a head, so as to hide the flowers, it is a good plan to cut out some of the branches when small. The Balsam may be pruned or nipped off to any desired form, to two or three or even one branch, and we have given engravings showing plants pruned in several ways. For the centre of a bouquet a single Balsam flower is almost as desirable as a Camellia, but must be supplied with an artificial stem.

73. **Balsam "Queen's White."** The finest double white Balsam ever offered. It comes nearly formly double, very white and exceedingly firm, with a slight pink tinge on the back. The stem is firm, and thoroughly joined to the flower, so it can be easily and securely stemmed. This is a great advantage for florists' use. ½ oz. 50c .....

74. —**Maiden's Blush.** A very charming and delicate shade of rosy-pink, several shades lighter than the apple blossom. *See cut* (5).....10

75. —**Solferino,** double, white, striped and spotted with lilac and scarlet (2).....10

76. —**Lilac,** double, striped with crimson (1).....10

77. —**Sunset.** Flowers of a fine Camellia's shape deep rich garnet red; a charming variety 10

78. —**Apple Blossom.** One of the most charming of all Balsams; large, double, deep rosy pink shade.....10

79. —**Crimson spotted** (4) 10

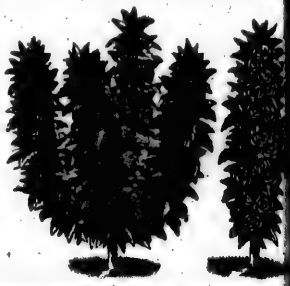
80. —**Scarlet spotted** 10

81. —**Rosy carmine** and white, spotted.....10

82. —**Lilac,** rose flowered 10

83. —**Rose flowered,** double, choicest mixed (3) 10

84. —**Camellia flowered,** double, choicest mixed 10



BRACHYCOME

(SWAN RIVER DAISY)

The Brachycome iberidifolia is a Daisy-like flower, found on the banks of the Swan River, in Australia, and is sometimes called Swan River Daisy. An elegant little plant, growing about eight inches in height, of compact, branching habit, and abundance of flowers, something like those of the Cineraria. An excellent flowering plant, deserving more attention than it receives, the blue being particularly desirable.

85. **Brachycome iberidifolia,** blue and white, separate or mixed 10

86. **Bromus brizaeformis,** Grass, very fine, with elegant hanging ears, well adapted for bouquets, either dried or with fresh flowers. Blooms second year; 1 ft. 5

BRIZA MAXIMA GRASS

87. **Briza Maxima,** a charming variety of Shaking Grass; one of the best; 1 ft. *Hardy annual* 5

BARTONIA

Mrs. Robert Woodworth, Selmah, N.S. — Am just beginning a flower garden, and was on the point of sending to the States for seeds when your catalogue came to hand. I am delighted with it, it is not only a catalogue, but a manual of instruction.

BARTONIA

A very showy plant, with gray branches and thistle-like leaves. It likes considerable moisture and the young plant sometimes suffers in a dry time. Sow seed where the plant is to flower, as it does not bear transplanting well. *Hardy annual.*

88. **Bartonia aurea,** golden yellow; 1½ ft. (*See cut*).....

Bachelor's Button (see Centaurea.)

Balloon Vine (see Cardiospermum.)

BROWALLIA

Exceedingly pretty plants, flowering under glass throughout the autumn, winter and spring months, and out of doors in summer. The plants give a abundance of bloom, and are exceedingly fine for bedding purposes. *Half-hardy annual.*

89. **Browallia elata,** white.....

90. —**Elata,** blue .....

91. —**Rose,** new, large flowering .....

Banana oneote (see Musa, Greenhouse.)

Blue Bottle (see Centaurea.)

Bleeding Heart (see Bulbs.)

Bell Flower (see Campanula.)

Begonia (see Greenhouse and Bulbs.)

FOR A SHOWY BED—You need nothing better than Balsam, Dianthus, Phlox, Petunia, Portulaca, Pansy and Verbena.

Crozy's French Cannas

Our Choice Cannas

(INDIAN SHOT PLANT)

Highly ornamental plants producing a rich effect by their large, broad and massive foliage, terminated by racemes of crimson, orange, or scarlet flowers. Soak the seed 12 hours in hot water before planting; sow in sandy loam and peat, and place in a hot-bed; when up to the second leaf, pot off singly and keep under glass until the proper season for planting out; take up the roots before frost, and preserve in a warm cellar or room. *Half-hardy perennials.*

92. **Canna** (Indian Shot), finest mixed varieties 5
93. **—Warszewiczii,** red, foliage striped, very fine and beautiful 10
94. **—Nepalensis,** clear yellow, superb 10
95. **—Crozy's New Superb French,** large size and flowers of dazzling hues of yellow, orange, scarlet and vermilion, some beautifully striped; mixed colors 25

See Bulb List.

CARDIOSPERMUM

(BALLOON VINE)

A curious Climber and remarkable for its inflated membraneous capsules; a rapid and graceful climber, useful for either inside or out-door decoration. Sow under glass or in greenhouse. Give plants support to run upon; height about 6 feet. *Half-hardy annual.*

96. **Cardiospermum Halicacabum** 5

Canary Bird Flower (See Tropeolum).
California Poppy (See Eschscholtzia).
Castor Oil Bean (See Ricinus).
Calceolaria (See Greenhouse).
Cineraria (See Greenhouse).
Cheiranthus (See Virginian Stock).

COSMOS

Our new hybrids of this magnificent annual are among the most showy and graceful of all garden flowers, and nothing can give greater satisfaction for solate display. They make very large plants, growing five to seven feet high, which are beautiful masses of the most elegant foliage until they begin to bloom in September, when each plant will have hundreds of large showy blossoms. October frosts do not hurt the plants or flowers, and during that month it is the gayest and most showy plant in cultivation. It is pronounced by all to be the finest seed novelty in many years. Sow early.

97. **Cosmos Hybrids,** mixed all colors 15

CATCHFLY

An early flowering plant, with small flowers, white, red and pink. A moisture forms on the stalks, which sometimes entraps flies, hence the name "Catchfly." *Hardy annual.*

98. **Catchfly,** mixed colors, 1½ ft 5
99. **—Pendula nana compacta** 5

CACALIA

(FLORA'S PAINT-BRUSH)

Flowers are borne in clusters on slender stalks, about a foot or so in length, producing flowers for cutting every day, which are valuable for small bouquets. *Half-hardy annual.*

100. **Cacalia coccinea,** scarlet 5
101. **—lutea,** golden yellow 5

CALLIRHOE

The rich, purple crimson glow of the beautiful saucer-shaped flowers of these elegant plants is matchless. For borders and beds the flowers and foliage are strikingly effective. Steep before sowing. Thin plants to about one foot apart. *Hardy annual.*

102. **Callirhoe pedata,** purple crimson, with white eyes, 2 ft 5

COWSLIP

The well-known favorite English Cowslip, flowering early in the spring.

103. **Cowslip,** mixed colors, ¾ ft 5

CALLIOPSIS

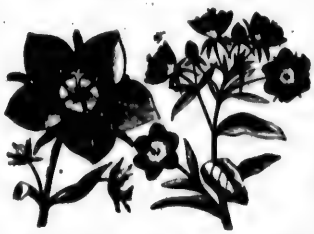
(CORIOPSIS)

The plants are usually two or three feet in height, of slender habit and rapid growth. The flowers are of every shade of yellow, orange and rich reddish brown, and make brilliant groups or low screens. Seeds grow very rapidly, and may be sown where plants are to flower.

104. **Calliopsis,** mixed colors, 2 ft 5
105. **—Drummondii,** yellow, crimson centre, 1½ ft 5

We are confident that our Flower Seeds are unquestionably the best, and vastly superior in quality to those usually sold.

CAMPANULA
(VENUS' LOOKING GLASS)



The Campanulas embrace many beautiful and popular annuals and perennials. The varieties below are extremely beautiful, hardy and free bloomers, either in beds or borders.

106. **Campanula speculum** (Venus' Looking Glass), blue and white, mixed or separate; ½ ft. *Hardy annual* 5
107. **Campanula Media** (Canterbury Bell), large flowers, single varieties, mixed; 2 ft. *Perennial* 5
108. —**double**, mixed. *Perennial* 5

CYPERUS
(UMBRELLA PLANT)

A strikingly handsome foliage plant, equally well adapted for the greenhouse or open ground. The leaves are striped with white, giving the plant a distinct and fine appearance. Seed should be sown early. It is of easy culture. *Half-hardy perennial.*

109. **Cyperus alternifolius variegatus** 10

CALAMPELIS
(CLIMBER)

A beautiful quick-growing Climber; rich orange-scarlet flowers. Should be started early in a hot-bed or greenhouse, and potted when five leaves have formed, then planted out in June. *Tender annual.*

110. **Calampelis scaber** (Eccremocarpus scabra) 10

CONVOLVULUS MAJOR
(MORNING GLORY)

TALL

One of the best known and most popular annual climbers we have. Will grow almost anywhere, and cover any unsightly fence or building in a very short time, if given a little support for the vines to run on. The flowers are of the most brilliant colors and shades, from white, dark blue, purple, carmine, rose, lilac, violet and striped. *Hardy annual.*

111. **Convolvulus major** (tall Morning Glory), mixed colors 5
112. —**minor** (dwarf Morning Glory), beautiful colors, mixed 5

COLLINSIA

Very neat, growing in any light soil; 1 ft. *Hardy annuals.*

113. **Collinsia**, mixed colors 5

COBOEA

The Cobœa is one of the most useful, beautiful and rapid growing of our climbing annuals; with large, fine foliage, large bell-shaped flowers, at first green and changing to purple-lilac, almost 1½ in. long and 2 in. in width. In autumn plants can be taken up, potted and removed to the house where they will thrive and flower during the winter. For covering verandas and fences, nothing surpasses the Cobœa, or when planted in a row, 2 ft. apart, and supported with brush, it makes an elegant screen. *Half-hardy annual.*

114. **Cobœa scandens** 10

CHRYSANTHEMUM

The annual varieties of Chrysanthemums are exceedingly pretty. The great and growing demand brought them into general favor. They are bright, cheerful and free bloomers, easy and rapid in growth, and some are really beautiful, the colors having the appearance of being laid on with a brush, and for this reason are called "Painted Daisy." They are of varied and beautiful colors, striped and edged in various shades. Set plants about one foot apart. *Hardy annual.*

Chrysanthemum "Eclipse."

115. —**Eclipse.** Of all our new annual Chrysanthemums, none are more beautiful, if, indeed, they are so striking in appearance, than the "Eclipse." Its large, single flowers are 2½ to 3 ins. in diameter, and exhibit a striking contrast in markings. They are pure golden yellow, with a bright purplish scarlet ring on the ray of florets, the disc being dark brown. Very free flowering, and easily grown. (*See cut.*) 10
116. **Chrysanthemum tricolor**, various shades of colors; 1 ft. 5
117. —**Chrysanthemum Burridge-anum**, various shades and colors, mixed; 1 ft 10
118. —**Bonnotii**, snow white, immense double flowers; 1 ft. 10

(For Chinese and Japanese varieties, see Greenhouse.)

CENTAUREA (Corn Flower)

Showy, free flowering, succeeding well in any kind of soil. *Hardy annuals.*

119. **Centaurea Americana**, flowers large; lilac, purple; strong plants; 1 ft 5
120. —**cyanus** (known as Bachelor's Button and Corn Bottle), mixed colors 5
121. —**moschata** (Sweet Sultan) yellow, white and purple, mixed colors, very sweet; 1½ ft. 5

(For other varieties, see Greenhouse.)

CELOSIA (Cockscomb)

Highly ornamental plants, producing crested heads of flowers. There are many shapes and colors, but the scarlet and crimson are the most brilliant and rich. The oftener they are transplanted or shifted, the larger and more beautiful they grow. *Half-hardy annuals.*

122. **Celosia cristata**, dwarf (Cockscomb), one of the largest of this variety, mixed colors 5
123. —**Japan cockscomb**, an entirely new and distinct, and very beautiful variety 10
124. —**Glasgow prize**, very fine dwarf variety, with dark leaves and crimson combs 10
125. —**dwarf golden rose** (new) brilliant and attractive 15
126. —**Feathered Pyramidalis**, a variety with feathered flowers; 2 ft.; graceful 10

CLARKIA

These are very effective border plants, showy and profuse bloomers, well adapted to cool or shaded locations. *Hardy annuals.*

127. **Clarkia elegans**, finest double varieties, mixed; 1½ ft. .. 5
128. —**pulchella**, deep rose; 1½ ft. .. 5
129. —**integripetala**, double, rich crimson; 1½ ft. 5
130. —**"Mrs. Langtry,"** snow white, with a well defined disc or centre of brilliant crimson ... 10
131. —**Our selected deep red**, exceedingly fine 10

CALANDRINIA

Very beautiful creeping plants, admirably adapted for planting in rock-work, where they will produce flowers in profusion. The engraving shows the habit of the plant, which does best in light sandy soil. *Hardy annual.*

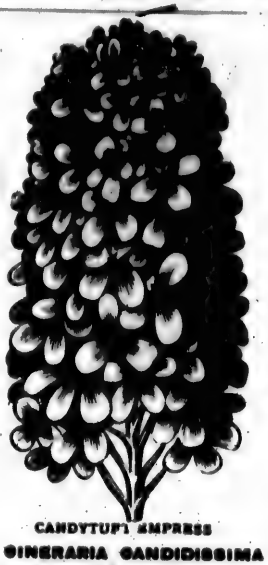
132. **Calandrinia grandiflora**, rose; flower-stalks, 1 to 2 ft. 5
133. —**umbellata**, rosy purple, perennial, but flowering the first season 5

BRIEF DIRECTIONS FOR SOWING, ETC. will be printed on each packet of Flower Seed, and by following them, any person without the least experience will have fair success in the culture of Flowers.

CANDYTUFT

One of the oldest and most popular and useful border annuals. It blooms long and freely, is perfectly hardy, and may be sown in early spring. *Hardy annual.*

124. **Candytuft (Iberis),** fragrant, pure white; 1 ft., 25c. per oz.... 5
125. **—Empress,** A new, pure white, gigantic form of Rocket Candytuft and decidedly the finest variety in cultivation. It is a strong, free grower, about 18 inches in height, and producing several immense trusses of flowers, from five to eight inches in length and two and a half to three inches in diameter. The individual flowers are of large size and of the purest whiteness. To secure the best results seed should be sown under glass as early as February. Fair success may be had by sowing seed in the open ground in April; but in either case the soil must be made very rich. 15
126. **—crimson,** very beautiful; 1 ft. 5
127. **— rocket,** pure white, large truss; 1 ft 5
128. **—purple,** dark, fine; 1 ft..... 5
129. **—New Carmine,** produces a mass of brilliant carmine bloom.. 10
130. **—mixed colors,** fine dwarf hybrids 10



CANDYTUFT EMPRESS

CARNATION

No flower can surpass, in delicacy of markings, form or delicious fragrance, the rich-colored Carnation, a rival of the Rose. The Pinks, Picotees and Sweet William, all popular favorites, belong to this class, and are described under their different headings. The seed will not produce all double flowers; some will prove single, others semi-double, but a good percentage will be double, and of all shades of colors and very fragrant. *Half-hardy perennial.*

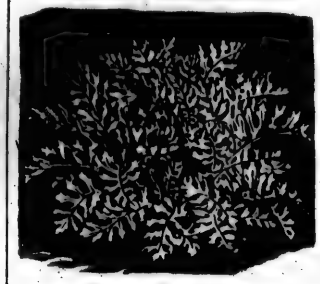
141. **Carnation, grenadin,** double scarlet, dwarf, most brilliant and conspicuous, highly valued by florists; 1 ft 25
142. **—perpetual or tree,** saved from the choicest double flowers; 1½ ft 25
143. **—double,** mixed, very fine..... 10
144. **—Early Dwarf Vumla** 25

CUCUMIS

(SNAKE CUCUMBER)

145. **Cucumis Flexuosus,** fruit resembling a long green snake, upwards of 7 feet in length, a great curiosity..... 10

CINERARIA CANDIDISSIMA



146. **Candidissima,** with silvery foliage, used chiefly for beds and borders. *Half-hardy perennials*... 15
(See Greenhouse varieties).

CALENDULA

Is one of the well-known Marigold family. *C. officinalis* is much prized by housekeepers for flavoring. In mixed borders and shrubberies, are exceedingly attractive. *Hardy annual.*

147. **Calendula officinalis, Le Proust,** uniformly double, nankeen, edged with brown; 1 ft.... 5
148. **—Meteor,** handsome, perfectly double, and beautifully striped and edged with yellow; 1 ft 5
149. **—officinalis** (Pot Marigold); 1 ft 5

CENTRANTHUS

These form beautiful masses or borders, and for bouquets or other floral work are excellent. The flowers are small, borne in clusters on light green, almost transparent stems. *Hardy annual.*

150. **Centranthus,** rose and white mixed; 1 ft..... 5

Celosia (see Greenhouse).
Columbine (see Aquilegia).
Corn Bottle (see Centaurea).
Cuphea (see Greenhouse).
Cyclamen (see Bulbs).
Cypress Vine (see Ipomoea Quamoclit).
Chinese Primrose (see Greenhouse).
Ollantheus Dampheri (see Greenhouse).

WILD CUCUMBER

Although not new, we do not hesitate to give this useful climber prominence. We know of no vine so valuable for covering unsightly objects, tree stumps, back fences, etc. It grows rapidly, attaining a height of from 20 to 30 feet, producing an immense quantity of green foliage. We do not however recommend it for use in front of house

151. **Echinocystis lobata** 10

CLEMATIS

Rapid growing climbers, fine for arbors and verandas; the small varieties flower in clusters, and are very fragrant; the large-flowering varieties are very handsome, and are continually in bloom. Soak the seed in warm water for 24 hours before sowing. *Hardy perennials*; 15 feet.

152. **Clematis Flammula** (*Virgin's Flower*). Producing beautiful clusters of small white vagrant flowers 10
153. **—Jackman's hybrids,** rubra, violacia, sophia, veitchi, etc., fine mixed.. 25
154. **—Hybrida grandiflora,** large-flowering, mixed colors 20
For other varieties, see Plants.

CERASTIUM (Snow in Summer)

One of the prettiest hardy perennial plants for bedding out or ribboning ever known, being of dwarf growth, densely branching, with leaves covered with a cottony down of snowy whiteness, and producing a profusion of elegant white flowers.

155. **Cerastium biebersteini,** 6 inches high 10

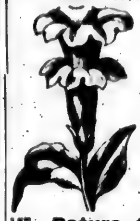
CLOVER (Sweet)

This is the sweet variety of clover so well-known, has a white and very sweet scented blossom, and is most valuable for bees.

156. **Melilotus alba,** per oz., 10c., ¼ lb., 20c 5

DATURA

(Sweet Nightingale)



A large, strong-growing plant with trumpet-shaped flowers, often bearing blossoms six inches in length, mostly white, sometimes tinted with a delicate shade of blue. The roots can be preserved in a cellar, like the Dahlia. Set plants three feet apart. *Half-hardy annual.*

157. **Datura fastuosa huberiana,** flowers large and double, inside white, outside generally colored, 3 feet..... 5

DOLICHOS

(HYACINTH BEAN)

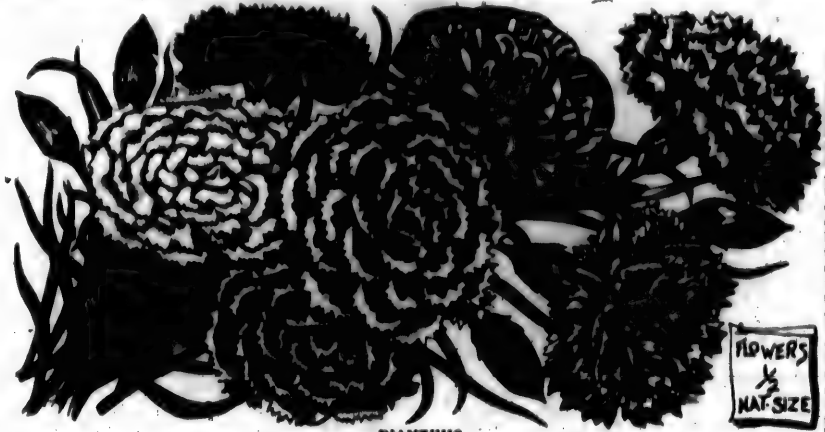
A splendid rapid-growing climber; flowers profusely and in clusters of white, purple and lilac flower spikes, which are followed by exceedingly ornamental seed-pods. Plant the seed where they are desired to flower, and in as warm and dry situation as possible. Give support for the vines to run upon. Grows from eight to twenty feet. *Half-hardy annual.*

158. **Dolichos Lablab,** mixed colors.... 5

COIX LACHRYMA GRASS

(JOB'S TEARS)

159. These have curious, broad, corn-like leaves, attractive; 1½ ft. *Hardy annual.*



DIANTHUS

Dianthus

The varieties of Dianthus, known as Chinese Pinks and Japan Pinks, are among the most brilliant of our bedding plants from seed. Raised early in spring under glass, and planted out, they will flower early, and continue covered with bloom till frost in Autumn. Some of the finest effects in our experimental grounds have been produced by the varieties of Imperialis and Heddewigii. The flowers range in color, from the purest white, the deepest crimson, and most beautiful lilac. They live over winter and bloom as well the second year as the first. We know we are doing our customers a kindness by urging them to plant the Dianthus, for both garden and pot. Seed may be sown in the spring, under glass or in the seed bed. *Hardy annual.*

172. **Dianthus Chinensis** (Chinese or Indian Pink), best double varieties, mixed; 1 ft. 5
173. —**Imperialis,** (Double Imperial Pinks), mixed; 1 ft 5
174. —**Heddewigii,** flowers single, 3 inches across, of rich and beautiful colors 5
175. —**Diadematus,** Flora Plena, splendid large double flowers of dark shades, marked with white and black colors, rich and beautiful 10
176. —**Japonicus** (Eastern Queen), single, three or four inches across, splendidly striped and stained 10
177. —**Fringed,** remarkably fine variety, fine, mixed 10
178. —**Plumarius, fl. pl.** (Double Garden Pink), finest double, mixed colors 10
179. —**Plumarius, fl. pl. Alba,** pure snow-white, very beautiful 10

Dew Plant (see Mesembryanthemum).
Dusty Miller (see Centaurea).

TALL DELPHINIUM

DELPHINIUM (Larkspur)

Very showy herbaceous plants with finely cut foliage and handsome flowers in different shades of blue, purple and white. For large beds on lawns or masses and mixed borders they are unsurpassed. The taller growing varieties are also excellent for cut flowers. Succeed best in a light rich soil in a sunny situation. *Annuals and perennials.*

PERENNIAL VARIETIES

160. —**Cashmerianum,** dark blue 25
161. —**Nudicaule,** brilliant light scarlet shading to crimson; 2 ft 10
162. —**Finest mixed,** perennial sorts. Saved from a choice collection of double flowered varieties 10

ANNUAL VARIETIES

163. —**Double Dwarf Rocket,** various colors; 1 ft.; etc. etc. 5
164. —**Double Tall Rocket,** various colors; 1½ feet 5
165. —**Double Dwarf Candelabrum,** various colors; 1 ft 10
166. —**Emperor,** double, mixed, brilliant colors, very fine variety; 1½ feet 5
167. —**Finest annual sorts,** mixed 5

DIGITALIS (Foxglove)

Exceedingly handsome plants of stately growth, and when well grown have spikes at least three feet high, with pretty purple, white and spotted thimble-shaped flowers; blooms the second season. In autumn large plants can be divided. *Hardy perennial.*

168. **Digitalis, Gloxenoides,** Ivery's new spotted, superbly marked, colors, mixed. 5
169. —**choice mixed** 5

SINGLE DAHLIA

OUR SUPERB STRAIN OF DAHLIAS

It is not known by all admirers of this handsome plant that plants grown from seed will produce beautiful and quite perfect flowers the first summer. Our customers seem as well satisfied with the results from seed as flowers grown from bulbs. The new single varieties are becoming exceedingly popular, being useful for cutting, and possessing an airy grace not possessed by the double sorts. In flower beds, shrubberies, backgrounds, and for distant effect it would be difficult to find plants of easier culture and more effective than the Dahlia, with their graceful habit of growth, and showy, rich flowers of the brightest of colors, white, pink, cherry, magenta, orange, yellow and deep purple, and striped, rayed, mottled and blotched in the most grotesque and charming manner. They grow freely in almost any soil from seed sown in the spring. The seed can be sown in shallow pans any time from March to July, and the seedlings transplanted to small pots. As soon as they are strong enough, but not until danger of frost is past, plant one foot apart.

170. **Dahlias,** single, mixed, finest strain in cultivation. Great variety in color and form 15
171. —**Double mixed,** extra fine, saved from choicest double flowers. 25

See our Superb Collection of Pot Grown Plants, Page 40.

Double Daisy

A general favorite for edgings and borders, giving an abundance of early spring flowers, and may be made to flower later by the use of water. The flowers are quilled and flat petaled, white, pink, red and variegated. Sow early in hot bed, and when large enough, transplant to a rich, cool, partially shaded situation, when they may be brought into flowering the first season; plant six inches apart, so that when in perfection they will nearly cover the ground. They may not all come double from the seed; the single ones should be pulled out. Roots may be divided or removed at any time, even when in flower. The strains we offer are remarkable for the size and doubleness of their flowers, and much superior to those generally offered. *Tender perennials.*

180. **Bellis perennis** (double daisy), finest double varieties, mixed; 1½ ft 10
181. —**Double white,** pure, fine 15
182. —**Longfellow,** Large double rose colored flowers, splendid 15
183. —**Double quilled mixed,** a new strain, the flowers of which are composed of petals as round as a knitting needle; very pretty and curious 25

ERYSIMUM

Beautiful, profuse flowering plants, for beds and borders, producing clusters of fragrant yellow and orange flowers, very desirable for cutting, plant and blossom resembles the single wallflower, but not so large. *Hardy annual.*

184. **Mixed colors,** double and single 10

EDELWEISS

186. **Edelweiss** (gnaphalium leontopodium), the true and famous Edelweiss of the Alps. The flowers are of downy texture, pure silver-white and starshaped. Succeeds in almost any soil, not too rich, with full exposure to the sun. 25

ESCHSCHOLTZIA

ESCHSCHOLTZIA

(California Poppy)

Very pretty profuse blooming plants, of extremely rich and beautiful colors, blooming from June until frost.

186. **Eschscholtzia Californica,** bright yellow, with orange centre 5
187. —**alba,** creamy white; 1 ft. 5
188. —**crocea,** double, bright orange-scarlet; 1 ft. 5
189. —**Mandarin,** rich, beautiful; double large flowers 5

Evening Glory (see Ipomea).
Evening Primrose (see Œnothera).

EUPHORBIA

(MOUNTAIN OF SNOW)

Grows about 18 ins. high, and covered with light green and white margined and variegated leaves, nearly 2 ins. long, becoming smaller at the top of branches, giving it an extremely showy appearance. *Half-hardy annual.*

190. **Euphorbia variegata** 5

ERIANTHUS RAVENNÆ

191. **Erianthus Ravennæ,** as fine as Pampas Grass, which it resembles; quite hardy for northern climate; 10 ft. *Hardy perennial* 10

Feather Grass (see Stipa). **Ferns** (see Greenhouse). **Flowering Sage** (see Salvia). **Forget-me-not** (see Myosotis). **Fountain Plant** (see Amaranthus). **Four o'clock** (see Mirabilis). **Foxglove** (see Digitalis). **Fuchsia** (see Greenhouse).

192. **Gomphrena,** a desirable everlasting, valued for its handsome globular heads of flowers, which, if cut when matured, will retain their beauty for years. Mixed. *Half-hardy annual* 5

Geranium (see Greenhouse).
Gloxinia (see Greenhouse).

GLAUCIUM (Horned Poppy)

193. **Glaucium Cornicolatum.** A very showy plant, with long, graceful silvery leaves, deeply cut and excellently curled; 1 ft. *Half-hardy biennial* 5

(GOURD)

GODETIA

Exceedingly handsome, and very effective when grown in beds, masses, or mixed borders; free and constant bloomers. *Hardy annuals.*

194. **Godetia** (Duchess of Albany), very large, beautiful satiny white; very fine 10
195. —**The Bride,** white, carmine centre; 1½ ft. 5
196. —**Whitmori,** "brilliant," rich carmine, shaded off to light rose at the points of petals; 1 ft. 10
197. —**Lady Albemarle,** beautiful carmine crimson; 1 ft. 5
198. —**Finest mixed** 5

GYPSOPHILA

A very pretty, free-flowering little plant, best adapted for rustic rock work, baskets and edgings; of graceful and slender growth.

199. **Gypsophila elegans,** white; ½ ft. 5

GOURDS

USEFUL, ORNAMENTAL AND FANCY

This most curious and interesting family is but little known, and we have succeeded in collecting in Europe one of the most complete lists ever offered. The forms may be wonderfully varied by tying strings around the young fruit, or by inclosing the same in a carved mould while growing, then stamping on lettering any desired figures or letters which may be carved on the moulds. Start the seed in pots in the house and plant as soon as danger from frost is over, as nearly all of the larger sorts require the whole season to mature properly. Give them a sunny situation and plenty of water.

200. **Bryonopsis,** scarlet, with white stripe 5
201. **Coccinia Indica,** beautiful foliage, scarlet fruit 10
202. **Cucumis Ardea,** green fruit, yellow stripe 5
203. **Dipsacous,** Teasel Gourd 5
204. **Erinaceus,** Hedgehog Gourd 5
205. **Grossularia,** Gooseberry Gourd 5
206. **Metuliferus,** scarlet, thorny 5
207. **Orange Gourd,** very like an orange 5
208. **Bottle Gourd,** the largest 5
209. **Hercules' Club,** large, club-shape 5
210. **Cardinal's Hat,** exceedingly odd 5
211. **Longissima,** grows to 4 ft. long 5
212. **Melothros,** pretty species, small flowers and fruit 5
213. **Apple Gourd** 5
214. **Ostrich Egg** 5
215. **Pear Gourd** 5
216. **Powder Flask** 5
217. **Siphon**
218. **Balsam Apple**
219. **Squirting Cucumber** 5
220. **Mukia,** scarlet berries 10
221. **Acorn Gourd** 15
222. **Serpent Gourd** 10
223. **Turk's Turban,** scarlet, yellow, green, with white stripes 5
224. Many sorts, in finest mixture, per oz. 30c. 10
225. Collection of 24 distinct sorts 1 00
226. Collection of 12 distinct sorts 50
227. Collection of 6 distinct sorts 30

GLADIOLUS

Grand summer and autumn flowering plants, producing long spikes of large flowers of hundreds of shades of color; marked, striped, blotched, tinted, etc., in the loveliest manner.

228. **Gladiolus, Finest Hybrids, Mixed,** Includes many sorts; 2 to 4 feet 10
229. —**Lemoinei Hybrids, Mixed.** Comparatively new types with large, open bell-shaped flowers of striking new colors 25

For Gladiolus Bulbs see page 40.

GAILLARDIA

Very showy, and worthy a place in every garden, though they are, as yet, little cultivated. They always attract attention by their gay colors. *Hardy annual.*

230. —**Mixed colors** 5
231. —**Lorenziana,** large round heads, composed of 30 to 50 flowers of orange, claret, amaranth, sulphur, etc. 10

GILIA

Very pretty. The flowers are borne in great abundance, and make up splendidly in bouquets. Showy for masses on the border. *Hardy annual.*

232. **Mixed Colors,** blue, white, rose, etc. 5

Our profession has taught us the FULL VALUE OF A GOOD SEED.

HELIANTHUS
(Sunflower)

The Helianthus, or Sunflower, is an old and well-known flower. Many of the new and best double varieties are attractive and produce a fine effect among shrubbery, or when used as screens, growing from 4 to 8 ft. in height. *Hardy annual.*

233. **Helianthus globosus fistulosus**, yellow, large. double; 5 ft 5
234. **—Californicus**, very large and double, yellow; 5 ft 5
235. **—variegatus**, variegated foliage.... 5
236. **—Oscar Wilde**, dwarf, small flowers with jet black centre. *Perennial*..... 5
237. **—Giant**, immense size; the dark centre often measuring 15 inches in diameter, surrounded with a single row of bright yellow petals; 8 ft..... 5

Heliotrope (see Greenhouse.)

HIBISCUS

The Hibiscus bears very showy flowers, and deserves to be more extensively cultivated. They are extremely fine for shrubberies and flower beds; pretty foliage and large blossoms, which are exceedingly attractive and very easily cultivated. *Hardy annual.*

238. **Hibiscus Africanus**, cream color, rich brown centre; 1½ ft..... 5

HORDEUM JUBATUM

239. **Hordeum jubatum** (Squirrel Tail Grass), elegant for bouquets; 1½ ft. *Hardy annual*..... 5

HONEYSUCKLE

(French Honeysuckle)

The French Honeysuckle is an exceedingly showy border plant, and well adapted for large rock-work; produces its peculiar formed, very fragrant red and white flowers in abundance. The seed may be started under glass or sown in open ground in early spring, giving a little protection during winter. Flowers may be had the first season. *Half-hardy biennial.*

240. **French**, red and white, mixed; 2 ft.. 10

HYACINTHUS
(Cape Hyacinth)

Hyacinthus candicans is a most striking and beautiful plant, somewhat resembling the Yucca, although not so large. It throws up a flower stem about 4 feet high, on which it bears 20 or 30 beautiful snow-white, bell-shaped flowers of exquisite fragrance. Flower stems 3 to 5 feet high. Planted in the spring, they bloom in August, September and October. It is a half-hardy bulbous plant, which will usually flower the second year from seed. *Half-hardy perennial.*

241. **Hyacinthus candicans** 10

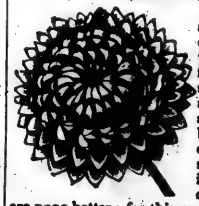
See BULB LIST.

HELIPTERUM
(Everlasting)

A very desirable and distinct dwarf, Everlasting, with small foliage and large globular clusters of rich yellow star-shaped flowers. One of the choicest for forming winter bouquets, for which purpose the flowers should be cut when on the point of opening and dried in the shade; they will open while drying, and retain their color and brightness for many years. *Hardy annual.*

242. **Helipterum Sandfordi**; 1 ft... 10

HELICHRYSUM
(Everlasting)



Extremely handsome, large, full, double flowers, of various colors, from yellow to red, shaded and tipped, making ornamental plants for mixed borders, and very desirable as dried specimens. For indoor decorations during winter there are none better; for this purpose they require to be gathered before the flowers fully expand. *Hardy annual.*

243. **Helichrysum, double dwarf**, mixed colors, fine for borders, pretty beds and blossoms; 1 ft..... 5

HOLLYHOCK

Our strain of double Hollyhocks is truly grand. Flowers very large and perfectly double, colors very brilliant, embracing yellow, lemon, white, black, rose, pink, deep red, variegated, etc. They produce spikes of blooms 4 and 5 feet long, which are exceedingly showy for backgrounds, against walls or fences, or for centres of beds. The Hollyhock is an exceedingly popular flower, and both seed and plant are in great demand. Plants will be found offered in department of Hardy Bulbs and Plants. Seed can be sown in open ground at any time from May to September, and will bloom freely the next season.

244. **Hollyhock, double**, very double and fine, from best named varieties..... 20
245. **Collection of 12 distinct colors**.1.25

HONESTY (Lunaria)

An interesting summer blooming plant with blue flowers. The seed vessels are flat and broad, and look like transparent silver, quite ornamental and much used in bouquets of dried flowers and grasses. Blooms the second season. *Hardy biennial.*

246. **Honesty, purple**..... 5

HUMULUS JAPONICUS
(Japanese Hops)

The annual Japanese Hop, as shown in the illustration, is a most valuable and rapid-growing Climber; the foliage resembles the common hop, but has more incisions, is very dense in foliage and of a lively green. A most valuable feature of this new annual Climber is, that it can be sown in the open ground in spring, and will attain enormous dimensions in a very short time; never suffers from the heat, and retains its color until late in autumn.

247. **Humulus Japonicus**, Japanese Hop. 15

See PLANT LIST for Mailing Plants.

JACOBÆA

Remarkably pretty, free growing, profuse flowering plants, producing a fine effect in beds, ribbons and mixed flower borders. *Hardy annuals*

248. **Jacobæa**, double, dwarf varieties mixed 10

LINUM

A genus of most beautiful free-flowering plants; their brilliancy of color and long duration of bloom being surpassed by none. Seeds germinate best in the hot bed, but will do well if sown in a warm bed of light soil. *Hardy annuals.*

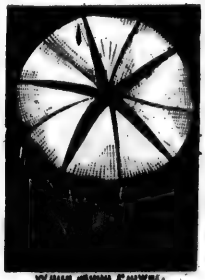
249. **Linum grandiflorum rubrum**, scarlet 5

Ice Plant (see Mesembryanthemum.)

We are confident that our Flower Seeds are unquestionably the best, and vastly superior in quality to those usually sold.

OUR CHOICE

IPOMEAS



White Moon Flower.

Cypress Vine

Variegated.

These beautiful climbers are exceedingly attractive and useful, and deserving of cultivation. The flowers are of a variety of shapes and sizes and of many brilliant colors; the foliage of some is delicate and beautiful, while that of the *Hederacea* is large, striped, mottled and margined, giving it a very attractive and a unique appearance. Start seed in hot-bed or in greenhouse, and plant out when weather has become warm. *Tender annuals.*

250. **Ipomea Bona Nox** (Evening Glory) flowers expand in the evening, are large white and fragrant; 10 ft..... 5
251. **Ipomea Grandiflora** (the Moon Flower, or "Good Night.") Large pure, white, fragrant, flowers in great profusion, opening in the evening. Rapid and luxuriant summer climber. *See Plant List* 10
252. **Ipomea Hederacea** (variegated Morning Glory), ivy-like foliage, very showy, mixed colors (*see cut*); 8 ft. 10
253. —**Coccinea** (Star Ipomea), scarlet, free-flowering 5
254. —**Quamoclit** (Cypress Vine), a favorite well-known climbing vine, with graceful, airy foliage, and handsome flowers; scarlet and white 5

IPOMOPSIS

The Ipomopsis, or Tree Cypress, is a beautiful plant, with long spikes of elegant rich orange and scarlet flowers, and is equally desirable for outdoor or conservatory culture. Sow the seed in August, in a dry situation. The plant is a little difficult to keep over winter. *Half-hardy biennial.*

255. **Ipomopsis elegans**, mixed varieties. 5

Jerusalem Cherry (see Greenhouse)

KAULFUSSIA

Pretty free flowering little plants, compact in growth, having most intense colored flowers, somewhat resembling the Single Aster. A good plant for mixed beds and borders. *Hardy annual.*

256. **Kaulfussia**, mixed colors; ½ ft 5

LYCHNIS

There are few plants more charming or brilliant; the flowers are produced in clusters, and are constantly coming out during the summer. To obtain good flowers, the first season start seed under glass and transplant.

257. **Lychnis Chalcedonica**, scarlet; 2 ft. 5
258. —**Haageana hybrida**, large flowers, mixed colors; 1 ft 10
259. **Lagurus ovatus** (Hare's Tail Grass), very pretty for bouquets; 1 ft. *Hardy annual.*

Lantana (see Greenhouse).
Larkspur (see Delphinium).
Love in a Mist (see Nigella).

TORONTO TESTIMONIALS

"The Seed I had from you last year gave every satisfaction. The Cannas produced remarkably fine flowers, and amongst them I found a new one—a decided novelty—which I greatly value. The Petunias also were very superior."—A. McPherson, Gardener to Col. Sweeney, "Rochallion."

"Everything turned out first-class and true to name."—Thomas J. Seevlour, Gardener to E. B. Osler, Esq., "Craigleа."

I have much pleasure in recommending my friends to purchase your Seeds, as they are uniformly first-class in every respect."—John Aymott, Gardener to Prof. Goldwin Smith.

"We never received any Seeds from your house but what gave best of satisfaction."—D. McLennan, Gardener to John Paskin, Esq., "Deer Park."

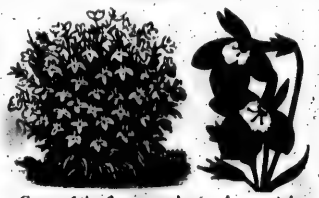
"I was perfectly satisfied with all the seed purchased from you—my petunias being particularly fine and very double."—Alexander Hogg, Gardener to late Hon. John Macdonald, "Woodlawn."

LAVATERA

Exceedingly valuable for distinct effect, in masses, and for borders. The dark green leaves are irregularly marked with greenish gray and pure white, which give the plant a distinct and handsome appearance. The plants in the early stage of growth do not show much variegation, but they are most marked and beautiful later on. *Hardy annual.*

260. **Lavatera trimestris**, rose and pink striped; 3 ft 5
261. —**arborea variegata**, variegated foliage, handsome, *New perennial* 10

LOBELIA



Gems of the flower garden. As an edging the Lobelia is unsurpassed, and no plant is more effective. They are easily managed, and may be had in the greatest abundance from seed. *Half-hardy annuals.*

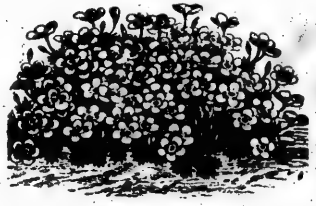
262. **Lobelia Cardinalis** (Cardinal Flower), brilliant scarlet flowers . 10
263. —**Erinus compacta** (Crystal Palace), intense blue; ½ ft 10
264. —**speciosa** (White Gem), pure white; ½ ft..... 10
265. —**speciosa superba**, deep blue, with white eye... 10
266. —**gracilis**, a very fine variety for hanging baskets, vases, etc., trailing gracefully and bearing its beautiful blue flowers profusely 10
267. —**gracilis**, white, similiar to the above, except in the color of its flower..... 10
268. —**fine mixed**..... 10

LOPHOSPERMUM

An exceedingly ornamental greenhouse climber, bearing numerous, large, rosy-purple, Gloxinia-like flowers. It is also adapted for the open air. It delights in a warm, airy position, with rich earth to grow in. Sow seed in March, on heat, and prick the young plants out in pots. *Half-hardy annual.*

269. **Lophospermum Hendersoni**, rose, purple, spotted; 10 ft 10

LEPTOSIPHON



Make beautiful low edgings for borders or walks. They do n t bear our hot, scorching summers well, and the seed had better be sown late in the autumn, or very early in the spring, and, if possible, in a sheltered situation. *Hardy annuals.*

270. **Leptosiphon hybrid**, orange, lilac and rose, mixed; 1 ft..... 5

LUPINUS

The Lupins are all handsome and graceful, with spikes of pea-shaped blossoms of various colors. They look well as a back-ground to other low-growing annuals. The prevailing colors are blue, though there are white and yellow varieties, and seed must be sown where intended to remain. *Hardy annuals.*

271. **Lupinus**, mixed varieties. *Hardy annual.* 5
272. **Lupinus**, mixed varieties. *Hardy perennial.* 5

MIGNONETTE.

WHITE SPIRAL MIGNONETTE.

This deliciously fragrant little plant is probably the most popular annual grown. Mignonette does best in as cool a situation as possible. When exposed to the full force of summer heat it begins to form seeds, sometimes before the spikes are fully grown; even our new large flowering varieties under such conditions would not develop their marked improvements.

273. **White spiral,** this grand Mignonette grows perfectly erect. Its color is pure snow white, and the grand spikes of bloom can be seen for a long distance, and being so beautiful in form and color, attracts the attention of everybody. Its fragrance is rich and powerful. .. 10

274. **Machet,** the finest Mignonette yet known. The plant is a strong bushy grower, bearing spikes of flowers in great number, which are of gigantic size and perfect pyramidal shape, and of a brick-red color. It is extremely beautiful and fragrant 15

275. **Golden Queen,** dense pyramidal habit, throwing up numerous flower stalks bearing spikes of yellowish blossoms; new 10

276. **Miles' Hybrid Spiral,** flowers white very fragrant, spikes 8 to 12 inches long; plant dwarf and branching 10

MACHET.

277. **Pyramidal,** Dwarf Bush, remarkably compact growing variety, flowers most lavishly, and highly sweet-scented 15

278. **Pyramidal** (Victoria), forms a dense short pyramid of intense red flowers 10

279. **Parson's White,** nearly white, strongly scented, long well-formed spikes 10

280. **Mignonette** (Sweet), oz. 20c. ... 5

MIRABILIS (Four o'clock)

Handsome border plants, with rich, glossy leaves, profusion of bloom, and divers colors and foliage. The flowers open in the afternoon, hence the name Four o'clock. *Hardy annuals.*

281. **Mirabilis Jalapa** (Marvel of Peru) mixed; 2 ft. 5

282. **—foliis-variegatis,** flowers of a variety of colors; leaves light green, faintly marbled (see cut) 5

MYOSOTIS (Forget-Me-Not)

The Forget-Me-Not bears clusters of star-shaped flowers, of a delicate blue color, with a white and yellow eye. Flowers the first season. *Hardy perennial.*

283. **Myosotis palustris** (Forget-Me-Not), white and blue 10

284. **—alpestris,** blue; 6 inches 10

285. **—dissitiflora,** deep blue, early; ½ ft. 15

MALOPE

Very showy plants, suitable for large beds and mixed flower and shrubbery borders. *Hardy annuals.*

286. **Malope,** white and rose, mixed .. 5

MIMOSA (Sensitive Plant)

Very interesting and curious. So sensitive is it that when touched the leaves will instantly close and droop. Seed should be started under glass or in the house. *Tender annual.*

287. **Mimosa Pudica,** pinkish white; 2ft. 5

VARIEGATED MIRABILIS

MIMOSA

MESEMBRYANTHEMUM

(Ice or Dew Plant)

The Mesembryanthemums are handsome and curious looking trailing plants. The most popular varieties are known as Ice Plant and Dew Plant; both are drooping in habit, and well adapted for hanging baskets, vases, rock-work, or edgings; the flowers are small and white. The Dew Plant has a smooth, light-green, dewy-looking leaf and a very pretty pink flower. *Tender annuals.*

288. **—Ice plant,** singular ice-like foliage 5

289. **—Dew plant,** rose, purple centre 5

290. **—Tricolor album,** white 5

MAURANDIA

Charming Climbers, elegant alike in flowers and foliage, and of graceful, slender growth. The seed should be started in hot-bed or greenhouse. *Half-hardy perennials.*

291. **—Barclayana,** rich blue; 10 ft. .. 10

292. **—scarlet,** rich; 10 ft. 10

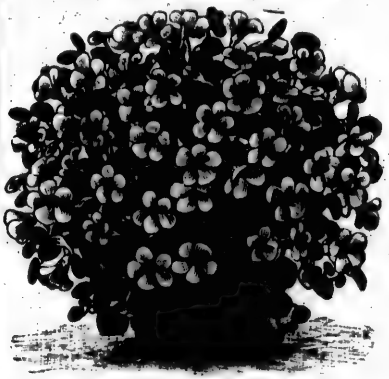
293. **—finest mixed** 10

Marguerites (see Chrysanthemum).
Mack Flower (see Alyssum).
Musk (see Mimulus).
Monkey Flower (see Mimulus).
Morning Glory (see Convolvulus).
Mourning Bride (see Scabiosa).

NASTURTIUM

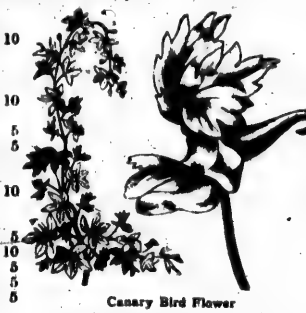
(TALL AND DWARF)

For showy and constant bloom, few garden flowers equal the old Nasturtium. They are sure to bloom in any situation, hot or cold, wet or dry, and no garden can be complete without a fair representation of them. *Hardy annual.*



(DWARF NASTURTIUM)

303. **Climbers, Canariense,** (Canary Bird Flower), bright yellow (*see cut*) 10
304. —**Lobbianum** finest mixed, splendid climbing varieties, with dark foliage and handsome, brilliant flowers, 10 ft., per oz., 40c. 10
305. —**Major** (Tall Nasturtium), mixed colors; per oz., 20c..... 5
306. —**Dwarf, Tom Thumb,** scarlet 5
307. —**Empress of India,** very dwarf, dark tinted foliage, flowers brilliant crimson; per oz., 25c.. 10
308. —**Crystal Palace Gem,** sulphur yellow, spotted maroon; 1 ft.., per oz., 25c 5
309. —**Ruby King,** dark foliage, rose. 10
310. —**Beauty,** orange and vermilion 5
311. —**Pearl,** almost white; per oz., 25c 5
312. —**fine mixed colors** ½ oz. 25c. 5



Canary Bird Flower

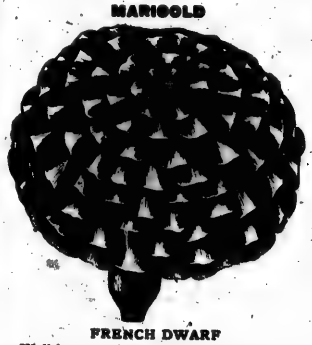
MIMULUS

(Monkey Flower)

Beautiful, singularly shaped and brilliantly colored flowers, with curious and various colored markings. In open ground, require a damp, shady situation. *Perennial* for greenhouse use, and *half-hardy annual* for out of doors.

294. **Mimulus tigrinus** (Monkey Flower), double, tube-shaped flowers, beautifully spotted; 1 ft 10
295. —**Hybrid,** large flowered 10
296. —**moschatus** (musk plant), yellow; ½ ft 10
297. —**compacta** 15
297a—**New Giant,** a magnificent strain, beautifully spotted..... 20

MARIGOLD

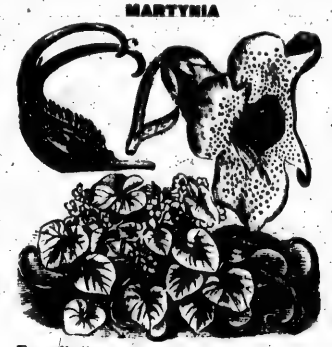


FRENCH DWARF

Well-known, free flowering plants, with handsome double flowers, of rich and beautiful colors. The African is the most striking in large beds or mixed borders. Succeed well in ordinary garden soil. *Hardy annuals.*

298. —**African Eldorado,** large flowers, finely imbricated and perfectly double; shading from primrose to deep orange 10
299. —**African dwarf, mixed,** finest double varieties 5
300. —**French Tall Double,** finest double varieties, mixed; 2 ft..... 5
301. —**French dwarf double,** finest double varieties, mixed; 1 ft..... 5
302. —**Tagetes signata pumilla,** bright yellow, splendid, compact.. 5

MARTYNIA



Exceedingly pretty, free-flowering plants, with large flowers of great beauty, and producing a fine effect when planted in open borders; quite a curiosity (*see cut.*) *Half-hardy annual.*

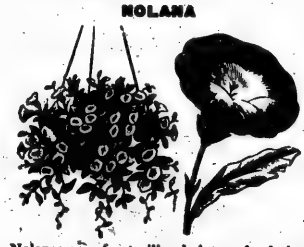
313. **Martynia fragrans,** fragrant, crimson-purple; 1½ ft 5

NICOTIANA

Deliciously fragrant, large white flowers; very ornamental and one of the best of recent introduction; but should not be planted in a conspicuous situation, as the plant is not ornamental during the daytime. *Hardy annual.*

314. **Nicotiana affinis** 1½ ft..... 10

NOLANA

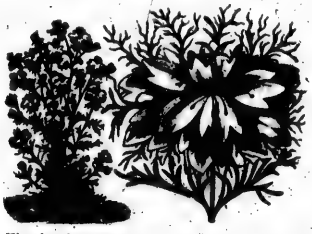


Nolanas are of a trailing habit, and admirably adapted for rock-work, hanging baskets, vases, etc. The flowers resemble the Morning Glory, brilliant, freely produced, of various colors. *Hardy annuals.*

315. **Nolana atriplicifolia,** mixed colors. 5

NIGELLA

(Love-in-a-Mist)



Fine border plants with prettily cut foliage and curiously formed flowers, which have procured for them the popular name, "Love-in-a-Mist." *Hardy annual.*

316. **Nigella Damascena** (Love-in-a-Mist), double, mixed colors; 1½ ft 5
317. —**Damascena nana,** double, blue, ½ ft. 5

NEMOPHILA

Charming, dwarf-growing annuals, with neat, compact habit, and strikingly beautiful colors. To secure the greatest perfection, thin to four inches apart, the plants will then present a dense mass of flowers.

318. **Choicest varieties, mixed**..... 5

NIEREMBERGIA

Charming plants for baskets, vases and edgings, of slender and branching habits, profuse flowering and almost perpetual in bloom. Seed should be sown under glass or in the house, and transplanted when the weather is warm. *Half-hardy perennial.*

319. **Nierembergia gracilis,** white, veined with lilac, fine for pots; ½ ft..... 5

PYRETHRUM

The golden-feathered Pyrethrum is one of the most useful bedding plants for ribbon beds or low edgings. In spring it looks like masses of gold; in summer it relieves the sombre lines, lighting up the whole garden and harmonizing with everything. *Hardy perennial.*

320. **Pyrethrum, Golden Feather,** golden foliage; 1 ft 10
321. —**Fern Leaved,** new; flat golden foliage, dwarf, compact habit, of great interest and beauty; 1 ft.. 20

Our customers have already learned to appreciate the fact that we never praise a new variety to a greater degree than it deserves

Our Superb English Strain

PANSY OR HEARTSEASE.

Every lover of flowers knows and cultivates the Pansy. As it is an almost universal favorite we have devoted a great deal of time and attention toward getting seed of the largest and most perfect blossoms, the truest types in colors, and also the wonderfully marked varieties of Prize Pansies and we can honestly claim that our stock is unsurpassed by any.

323. **Giant Trimardeau,** this is, without doubt, the largest of all the Pansies. The blossoms are simply enormous, perfect in form, and run through all the varieties of colors, from the lightest shade to the darkest purple, and are marked with three large blotches 15

324. **Gaeeler's Superb,** a splendid class, embracing most varied and attractive varieties. Many of the flowers are blotched on upper petals, as well as on the lower, and wonderfully marked and shaded, so as to resemble the finest types of Fancy Pelargonium 25

325. **Zirngiebel's Improved Giant,** a great improvement on the original, both in size and color. We have seen flowers exhibited by the raiser measuring ten inches in circumference. Gained first honors at the Massachusetts Horticultural Society's shows; per ½ oz. $2.00 25

326. **New Odier or Prize Blotched,** a magnificent strain of fine varieties, producing large, handsome flowers of great substance and variety of coloring, the petals of which are beautifully blotched .....

327. **Bugnot's French,** new French strain of fine, robust growth; great variety of colors; the flowers are of great substance and borne well above the foliage 50

328. **Our Superb English,** a very pure strain, which has been saved from the choicest varieties, and may be relied upon to produce quite satisfactory results, and a great variety in character and color of flowers 50

329. **French Stained,** superb strain; very large, finely formed flowers, beautiful colors 25

330. **Emperor William,** fine large flower, ultramarine blue, purple violet eye 15

331. **Snow Queen,** a charming, delicate, satiny-white, slightly tinged with yellow toward the centre 15

332. **Golden Yellow** 10

333. **Golden Margined** 15

334. **King of the Blacks** (Faust), dense black 10

335. **Lord Beaconsfield,** violet, shading to white on upper petals 15

336. **Quadricolor,** four distinct colors on each flower 10

337. **Mixed Colors** 5

PETUNIA

PETUNIA

Petunias make most valuable plants, succeeding almost anywhere. For massing in beds their rich colors and duration of bloom is seldom equalled, giving a profusion of flowers from early summer until after frost.

338. **Fringed, large flowering, single,** handsomely frilled and fringed, with stained markings 25

339. **—grandiflora superbissima,** magnificent, extra large flowers, with very deep throat, beautifully veined to the base 25

340. **—grandiflora striped,** a very fine strain, with large and perfect veined flowers, mixed colors 25

341. **—grandiflora,** choicest mixed 10

342. **—double Hybridized and Fringed,** this exquisite sort will produce an unusually large percentage of fine, large, double fringed flowers. 50

343. **—double large flowering, fringed,** pure white (new). This is the first separate color of Double Petunias, the producer has succeeded to maintain pure; the flowers are very regularly double, and come true from seed 50

344. **—Hybrids,** finest striped and blotched varieties, mixed 25

345. **—Fine Mixed,** splendid varieties.. 5

Sweet Peas

These are among the most useful and beautiful of all our hardy annuals, and continue to produce their fragrant, rich and varied colors of bloom the entire season. For edges or masses in the garden, trained on bush or strings, they are exceedingly showy, but for cutting for bouquets, vases, corsage or buttonhole wear, no flower except the rose can equal them. Sow thickly, and plant four inches deep, very early in the spring. Furnish support early. They luxuriate in a cold moist soil, and in a damp season—six feet. *Hardy annuals.*

352. **Sweet Peas, Vesuvius,** This is unlike any Sweet Pea hitherto known. The upper petals are distinctly spotted on a rosy ground color, shading into purple at the throat; the lower petals, or standard, are of a velvety violet, shading off into lilac toward the edge. 10

353. —**Adonis,** a charming rose-pink Sweet Pea, affords a very pleasing color, previously unknown to Sweet Peas. The bright, rosy carmine or pink blossoms make a neat contrast with the pure white, scarlet and other decided colors.. 10

354. —**Princess Beatrice,** a delicate blush; very fine; oz. 20 5

355. —**Princess of Wales**..... 10

356. —**Butterfly,** white ground, delicately laced with Lavender blue; fragrant and valuable for bouquets; oz. 25 10

357. —**Scarlet Invincible,** a beautiful rich scarlet, very constant; oz. 25..... 10

358. —**Painted Lady,** rose and white; oz. 15 5

359. —**Violet Queen,** of dwarf habit; but very free flowering; the flowers range in color, from deep mauve of the standard to light violet of the wings; very pretty; oz. 25 .. 15

360. —**Black,** very dark, brownish purple; oz. 15..... 5

361. —**Orange Prince,** a new color, and exceedingly fine..... 15

362. —**Striped,** oz. 15 5

363. —**White,** oz. 15 5

364. —**Selected** Mixed ½ lb. 40; oz. 15 5

PEAS—PERENNIAL VARIETIES

365. **Lathyrus latifolius,** scarlet 5

366. —**alba,** white 10

PERILLA

These are useful plants for back-ground, or as single specimens in mixed borders, having fine dark ornamental, broad serrated leaves of a purplish mulberry color. Start under glass. *Half-hardy annual.*

367. **Perilla Nankinensis,** 1½ ft. 5

PERILLA

POLYANTHUS

Early blooming dwarf plant for spring flower beds or pot culture; the large round flowers are borne on stocks about 8 inches tall. Colors, yellow, maroon, crimson, etc.; beautifully veined, laced or blotched.

346. **Polyanthus (Primula elatior),** finest gold-laced varieties.. 10

OXYURA

Pretty little plants, of branching habit and neat, with numerous daisy-like flowers of a beautifully golden yellow, edged white; about 18 inches in height. *Hardy annuals.*

347. **Chrysanthemoides** 5

POPPY

These are fine for distinct effect, with large brilliantly colored flowers, always making a showy display and an ornament to any garden; they have a strong tap-root, and are difficult to transplant; sow the seed early in the spring where intended to bloom. *Hardy annuals.*

348. **Poppy, Chinese,** double dwarf, magnificent flowers, mixed colors 5

349. —**Carnation,** double, splendid large flowers, mixed colors; 2 ft..... 5

350. —**Ranunculus,** double, handsome, small flowers, brilliant colors, mixed; 1 ft 5

351. —**Danebrog,** single, brilliant scarlet with a large white spot on each petal, a novelty 10

Pot Marigold, (see Calendula).
Primula (see Greenhouse).
Primrose (see Primula).

PHACELIA

Very curious plants which produce their bloom in one-sided fascicles, which unroll themselves slowly; the flowers are pretty but somewhat hidden by their leaves. Good for borders and bouquet making; valuable for bee food. *Hardy annuals.*

368. **Phacelia congesta,** light blue. 5

369. —**tenacetifolia alba,** white. 5

PICOTEE

Very much like the Carnation, as fine and more delicate in its coloring. Seed sown in the open ground in May or June, will flower well next season. *Hardy perennials.*

370. **Fine double mixed** 25

PORTULACA

In brilliancy, delicacy and beauty of color the Portulaca surpasses all other out-door plants, thriving in place where most plants would perish for lack of moisture, giving its largest and brightest flowers. It delights in warm sun and sandy soil. Sow seed in the open ground or under glass, and transplant; after plants appear withhold water; if the bed has a full exposure to the sun, the ground will soon be covered with the plants, and the effect and variety of colors will be grand, continuing in beauty till killed by frost in autumn. *Half-hardy annuals.*

371. **Portulaca, double,** large flowering varieties mixed 10

372. —**Single** large flowering, all colors, mixed 5

OENOTHERA
(Evening Primrose)

Charming hardy plants, with large, showy flowers; old favorites in the flower garden. They deserve to be more widely grown. The flowers open in the evening, in a sudden and curious manner.

373. **Oenothera** (Evening Primrose), yellow, 1½ ft. *Half-hardy annual.* 5

374. —**acaulis alba,** very dwarf, leaves lying close to the ground, large pure white flowers; 1½ ft. *Hardy perennial.* 10

375. —**Lamarckiana,** bright yellow, large flowers; 3 ft. *Hardy perennial.* 5

Never forget the Sweet Peas, which should be planted as soon as the frost is out of the ground sufficient to work. Always keep the flowers closely picked, and nothing will better repay you.

PHLOX DRUMMONDI

A very pretty hardy annual, invaluable for bedding, masses and cut flowers, from its bright colors, which vary from the purest snow white to the deepest blood red, and the unusual length of its blooming season. There is no annual which can compare for beauty, duration of bloom, brilliancy of colors and usefulness to the Phlox. We have an excellent strain. Height, 1 foot. *Half-hardy annuals.*

376. **Phlox, "Star of Quedlinburg"** An extraordinary novelty of high merit. The centre of each petal runs out into a point one-quarter to one-third of an inch beyond the edge, which gives the flowers a *regular starlike form.* The plant grows about 1½ feet in height, of compact habit, and bears large umbels of flowers. Will be really better than last season, having been grown from selected stock, and a number of brilliant colors added, including scarlet, pink, white, violet, salmon, etc. Mixed colors 25

377. **—New Fringed.** A valuable introduction, embracing two distinct and showy colors, purple-violet and carmine; these are rendered more effective by the beautiful fringed and toothed edges of the petals, having more or less a border of white.... 20

378. **Phlox Alba,** pure white..... 10

379. **—Cardinal,** brilliant scarlet..... 10

380. **—Isabellina,** pale yellow..... 10

381. **—Radowitzii,** rose, striped white 10

382. **—Leopoldii,** red, with white eye 10

383. **—Mixed,** finest varieties, per oz... 5

LARGE FLOWERING SECTION.

The flowers in this class are very large, handsomely rounded and of great substance, equalling the perennial sorts in size.

384. **Grandiflora splendens,** bright scarlet, with white eye; one of the finest and quite constant 10

385. **—Alba,** white..... 10

386. **—Coccinea,** bright scarlet..... 10

387. **—Elegans,** margin from rose to crimson, with large white centre or eye 10

388. **—Mixed,** finest colors, per oz..... 10

NEW DWARF PHLOX DRUMMONDI.

These new dwarf varieties are distinguished by their neat and compact habit, making fine plants for pot culture, small beds and edgings; height, ⅔ ft.

389. **—Nana compacta, fireball,** bright scarlet 15

390. **—Snowball,** pure white..... 15

391. **—Variabilis,** slaty blue..... 15

392. **—Mixed,** colors very choice 10

393. **—Perennial Phlox, mixed,** saved from the finest varieties 15

ROCKET

A very interesting, useful and free-flowering plant. Blooming early, it remains beautiful for a long time in beds, ribbons, etc., and is much admired for the fragrance of its flowers. *Hardy perennial.*

394. **Sweet Rocket**..... 5

RICINUS (Castor Oil Bean)

Ornamental plants of stately growth and picturesque foliage—brilliant colored fruit, producing a subtropical effect; fine for lawns, massing, or centre plants for ribbon beds. *Half-hardy annuals.*

395. **Ricinus borbonicus,** large, handsome foliage; 6 ft..... 5

396. **—sanguineus,** deep red stalks, scarlet fruit; 5 ft..... 5

397. **—Brazilicus**..... 10

RHODANTHE

A charming everlasting of great beauty, a very compact and ornamental plant, producing a beautiful effect in beds or ribbons; its silvery, rose-tinted flowers are in great demand for winter decorations. *Half-hardy annuals.*

398. **Rhodanthe, mixed** 5

STOCK (10 Week)

STOCKS (Gilly-flower)

A world-wide favorite, brilliant and varied in color, equally well adapted for massing, bedding or pot culture. Very profuse bloomers.

399. **Stocks, East Lothian, wall-leaved, snow-white.** This is a sterling novelty. The purity of the white shows well above the grassy-green foliage. *Half-hardy biennial* 15

400. **—East Lothian, mixed** 10

401. **—Princess Alice.** A splendid stock for cutting and quite fragrant; succeeds equally well when grown in pots 20

402. **—Snowflake, very Dwarf.** A beautiful small growing variety, with vigorous main spike and numerous side shoots of very large double snow-white flowers; very early..... 15

403. **—Dwarf German,** pyramidal, mixed; 1 ft..... 10

404. **—Dwarf Bouquet,** choice mixed colors..... 10

405. **—Ten Week** large flowering, mixed 10

406. **—Ten Week Dwarf,** large flowering..... 10

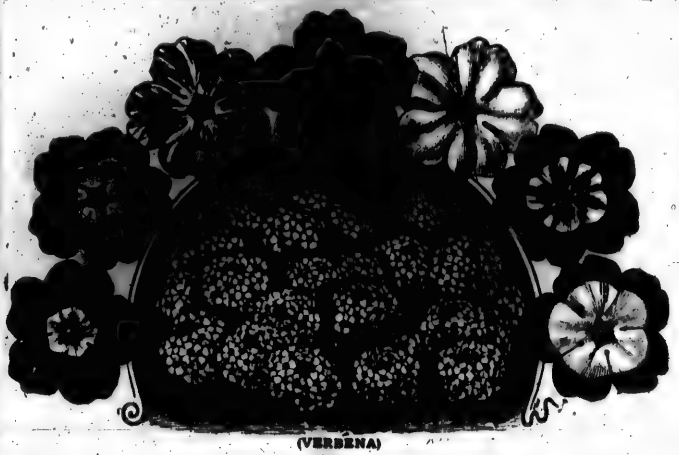
407. **—Ten Week Dwarf,** large flowering, white..... 10

408. **—Ten Week Dwarf,** wall-flower, mixed..... 10

409. **—Brompton New Giant** pure white..... 10

410. **—Brompton New Giant,** cottagers scarlet 10

FOR LATE FLOWERS, nothing can surpass Aster, Ageratum, Adonis, Marigold, Salvia, Dahlia and Zinnia



(VERBENA)

VERBENA

Gorgeous for beds or massing, bearing heads of flowers 3 inches across and of the most brilliant colors; flowering continually from spring until late in the autumn. Verbenas grown from seed are always thrifty and free bloomers. Sow in house or hot-bed very early.

423. **Verbena, auricula-flowered,** choice mixed colors, white centre 10
424. **—Cœrulea,** blue 10
425. **—Candidissima,** pure white, quite true 10
426. **—Italian,** striped and variegated 10
427. **—hybrida, mixed,** extra choice 10
428. **—Defiance,** brilliant scarlet.. 10
429. **—mixed,** choice colors..... 5

New Mammoth Strain (offered in the NOVELTIES), being the latest addition to our list. 20c.

SALVIA

(FLOWERING SAGE)

These are among the finest of all bedding plants. Being tall growers, they are useful for the centers of flower beds, or for a border to a bed of Cannas, etc.

411. **Salvia Splendens,** large scarlet 10

SWEET WILLIAM

A beautiful and favorite class of plants, of extreme richness and diversity of color, very large and almost perfect in form, with trusses of great size. *Hardy perennial.*

412. **Sweet William** (Dianthus Barbatus), finest mixed, 1½ ft .. 5
413. **—auricula-flowered,** flowers of great size, beautifully eyed, mixed colors, 1½ feet.... 10

SCHIZANTHUS

(BUTTERFLY FLOWER)

In this charming variety we have one of the finest annuals in cultivation. The flowers are as handsome as some of the orchids. *Half-hardy annuals*

414. **Schizanthus** (Butterfly flower), handsome, 2 ft..... 5
415. **—pinnatus,** best varieties mixed, 2 ft 5

SCABIOSA

(MOURNING BRIDE)

A handsome dwarf and compact growing plant, producing a profusion of fragrant flowers which are quite double and globular, varying in all shades, white, carmine, maroon, lilac, etc. *Hardy annual.*

416. **Scabiosa Major,** mixed 3 ft. 5

Sensitive Plant (see Mimosa).
Tropæolum (see Nasturtium).

SEDUM

(STONE CROP)

A dwarf little plant, growing freely on rock work, vases, old walls, etc. 3 in.

417. **Sedum Cœruleum,** blue, ½ ft.. 10

STIPA PENNATA GRASS

(FEATHER GRASS)

418. Graceful and beautiful; flowers second season, 2 feet. *Half-hardy perennial*..... 5

SALPIGLOSSIS

SNAIL PLANT, ETC.

These are more or less cultivated for their curious seed vessels. The Snail and Hedge-hog are the best.

419. **Snail,** clover-like plant, small, yellow flowers 10
420. **Hedge-hog,** like above, except seed pod. 10
421. **Caterpillar,** exceedingly curious. 10
422. **Worms,** quite an oddity..... 10
The above four varieties, mixed..... 20

SANVITALIA

Pretty, free-flowering trailing plant, very useful for waste places and rockeries, continuing in bloom during the summer and autumn months. The flowers are double and of a brilliant yellow. *Hardy annual.*

430. **Sanvitalia procumbens,** golden yellow, double, ½ ft.....10

Snapdragon (See Antirrhinum).
Smilax (See Greenhouse).
Solanum (See Greenhouse).
Sunflower (See Helianthus).

SAPONARIA

Extremely beautiful, dwarf, compact growing plants, producing a mass of rich pink and white flowers, which continue in bloom the entire summer.

431. **Saponaria, Mixed** 5

SALPIGLOSSIS

The color and markings of the Salpiglossis are most beautiful. The shape and size of the flower is similar to that of the Petunia, borne in great profusion and presents a very beautiful sight. It is a flower which will always please everyone, and should be more generally grown. (*See cut.*)

432. **Salpiglossis, Mixed Colors,** very fine 5

STATICE

(EVERLASTING)

Beautiful, free-blooming plants, equally valuable for their bright flowers in summer, or for cut flowers for winter bouquets.

433. **Statice Incana hybrida,** 1½ ft.....10

THISTLE

434. **Choice Scotch**.... 10

TRITOMA

(RED HOT POKER PLANT)

Few flowers produce such a striking effect and are so attractive as this grand herbaceous plant. It throws up flower stalks three to five feet high, bearing large solid spikes of flame colored flowers of great size and brilliancy. *Half-hardy perennial.*

435. **Tritoma, uvaria grandiflora** .... ½

SEE BULB AND PLANT LIST.

Solanum (See Greenhouse).
Smilax (See Greenhouse).
Snapdragon (See Antirrhinum).

What we cannot recommend we do not catalogue, and what we do not catalogue you do not

ZINNIA

ZINNIA

The Zinnia is, indeed, a grand flower, as large and double as the Dahlia, and of a great variety of fine colors. A bed of Zinnias makes a grand show, and is always greatly admired, being constantly in the bloom, from the last of June until killed by autumn frosts. If there are any people who pretend not to like Zinnias, let them try our seeds, and they will at once change their minds. We know that our Zinnias are the best to be had anywhere in the wide world. *Half-hardy annual.*

445. **Zinnia Zebra,** a new, showy and interesting variety, very double, many of the flowers are beautifully striped and pencilled, while others are similarly marked upon one side, the remaining portion of flower being distinct in color, such as orange, crimson, scarlet, etc., all colors mixed.. 10
446. **—Lilliputian,** charming new variety, of small but very regularly formed flowers 15
447. **—Darwini,** perfectly double, distinct, all shades of colors, mixed 10
448. **—Extra Choice Mixed,** saved from selected double flowers 5
449. **—Haageana** (Mexicana), a splendid double variety; flowers deep orange, margined with yellow, keeping its color when dried as a winter flower 5

THUNBERGIA

Very fine trailing plants, producing masses of pretty flowers. When allowed to trail on the ground they make a beautiful bed. The colors are delicate and beautiful.

(Thunbergia)

436. **Thunbergia,** mixed colors. 5

Umbrella Plant (see Cyperus.)

VALERIAN

Showy border plants. The improved varieties bear large corycombs of small flowers, scarlet, white, and red, of easy culture. *Half-hardy perennial.*

437. **Valerian,** scarlet, white and red, mixed. 5

VIRGINIAN STOOK

(Cheiranthus)

Hardy, low-growing, profuse fragrant flowering annuals, for edges or small beds or pot culture.

438. **Mixed,** red and white, mixed or separate 5

VIOLET

The little sweet scented Violet is perfectly hardy, and should not be wanting in any garden, on account of its early appearance, delightful fragrance, and profusion of bloom, which lasts from early spring throughout the summer months. A single flower will perfume a whole room. *Hardy perennial.*

439. **Violet** (Sweet-Scented English), dark blue; ½ ft. 10
440. **—English White** 10

VISCARIA

A genus of very pretty, profuse-blooming plants, adapted for growing, either in beds, edgings or clumps. *Hardy annual.*

441. **Viscaria oculata,** pink, with rich crimson eye; 1 ft. 5

WIGANDIA

Majestic ornamental leaved plants; the leaves are immense, often 3 ft. long by 1½ wide, richly veined, and the stems covered with crimson hairs. *Half-hardy perennial.*

442. **Wigandia caracasana,** pretty. 10
443. **—Vigieri,** superb foliage; 7 ft. 10

WAITZIA

The Waitzia is a delicate and interesting class of annuals, growing about 12 in. high, and producing flowers in clusters. *Half-hardy annual.*

444. **Waitzia grandiflora,** flowers large, golden yellow 10

WHITLAVIA

The Whitlavia makes pretty plants, with delicate foliage, producing a constant succession of drooping clusters of blue and white bell-shaped flowers. For shady situations there are few plants that give more pleasure; makes good plants for vases, baskets or pots. *Hardy annual.*

450. **Whitlavia,** fine mixed; 1 ft. 5

WALLFLOWER

Highly prized for their long continuance in bloom, and for the delicate odor of their flowers. Single and double varieties of the various shades of golden yellow, red and dark bronze. *Half-hardy perennial.*

451. **Wallflower,** double German, extra fine, mixed 15
452. **—single,** splendid, mixed; 1½ ft 5

XERANTHEMUM

(Everlasting)

Showy annuals, bearing in profusion large crimson, purple or white flowers, fine for winter bouquets. *Hardy annuals.*

453. **Xeranthemum,** mixed 5

ZEA MAIZE

(Striped Japanese Corn)

An ornamental foliage plant of much beauty. It is a species of corn, with large foliage, the leaves being beautifully striped with white and green. *Half-hardy annuals, from Japan.*

454. **Zea Japonica,** striped foliage; 6 ft.. 5

The names in this department will have a familiar sound to all lovers of house-plants. The Abutilon, Cineraria, Camellia, Geranium, Fuchsia, etc., are associated with our earliest recollections. Most persons procure plants from the greenhouses, and when but one or two of a kind are needed, this is a good plan. Some however, have greenhouses and desire many plants, and others take pride and pleasure in growing from seed—in watching every day's growth, from the tiny seed-leaf to the full developed plant in all its grand display of beauty. We do not wish to convey the idea that the seeds in this department must necessarily be sown in a greenhouse, as most of the varieties will succeed as well in the dwelling-house, if the conditions congenial to their health can only be secured, which the greenhouse or conservatory furnish; these are light, warmth, air and sunshine.

☞ The Following List Contains the Cream from European Specialists ☜

AZALEA

Shrubby plants, large heads of beautiful many colored flowers, and are borne in profusion during the winter and spring. *Tender perennial.*

455. **Azalea indica,** finest mixed; 1 to 4 ft. 25

ABUTILON

Beautiful plants, blooming almost continually; also succeeding well in the open ground in summer. Flowers bell-shaped, 1 to 2 ins. across; 2 to 4 ft.

456. **Abutilon,** finest mixed varieties; red, white, rose, orange, etc. 25

BEGONIA

457. **Begonia, Double Tuberous-Rooted,** mixed. The seed we offer has been hybridized with the greatest care, using the most double flowers, and the handsomest single varieties for that purpose. 50

458. —**finest double mixed,** saved from a splendid collection. (See Bulb List) ... 50

CALCEOLARIA

Gorgeous plants; the large pocket-shaped flowers are borne in the greatest profusion through spring and summer.

459. **Calceolaria, Williams' strain,** famous for richness and variety 1.00

460. —**Carter's Victoria Prize,** excellent 75

461. —**Rugosa,** (shrubby), excellent for bedding. Finest mixed 50

462. —**Spotted and Mottled,** varieties mixed 50

CENTAUREA

White Leaved or Dusty Miller Varieties

Valuable plants for ribbon bedding, the silvery whiteness of the leaves being very effective with other colored leaved plants.

463. **Centaurea Gymnocarpa,** a graceful silver foliaged variety, one of the best for bedding purposes ... 15

464. —**Candidissima,** a dwarf silvered leaved plant, extensively used for ribbon lines 15

465. —**Clementei,** produces crowns of silvery leaves, deeply fringed and cut in lobes 15

COLEUS

CINERARIA

For a showy flower, the Cineraria has few equals, bearing as it does hundreds of large showy flowers of various colors and markings.

466. **Cineraria hybrida** (new dwarf), a splendid strain of large flowering hybrids; dwarf, compact and bushy, mixed colors 30

467. —**Hybrida,** large flowering, mixed colors .. 50

468. —**Williams' extra choice strain,** large flowering and very fine 1.00

469. —**White Pelargoid** (Maritima Candidissima) 25

470. —**Double extra choice,** mixed 50

CLIANTHUS (Australian Glory Pea)

A most magnificent plant, with singular foliage and magnificent clusters of long, drooping flowers, somewhat resembling a parrot's beak.

471. **Clianthus Dampieri** (Glory Pea), brilliant scarlet, with a black blotch in the centre 25

CHRYSANTHEMUMS

472. **Chrysanthemums Indicum,** the varieties are numerous and are divided by florists into various classes, "Chinese," "Pompon," "Japanese," etc. Our strains are unsurpassed 25

473. —**Pompone or Dwarf,** double, mixed 25

474. —**Japonicum,** the Japanese long-petaled or fringed varieties, now so popular, double, mixed colors. (See Plant List) 25

COLEUS

Plants with rich foliage of assorted colors, veined and spotted in a beautiful manner. For groups on lawns and ribboning, are indispensable; 1 to 3 ft. *Tender perennial.*

475. **Coleus,** mixed, the finest sorts. (See Plant List.) 25

CUPHEA (Cigar Plant)

476. **Cuphea Platycentra,** large flowering variety, with countless bright blossoms 25

CYCLAMEN

A most valuable winter blooming plant. Its finely colored flowers keep a long time. Its foliage is pretty.

477. **Cyclamen Persicum,** best; colors mixed ... 35

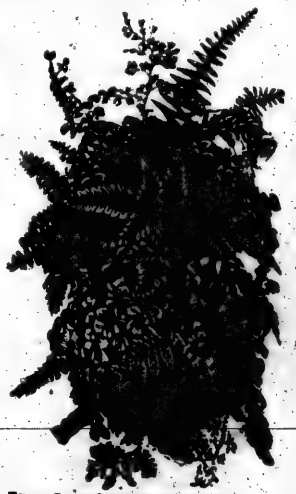
ECHEVERIA

Dwarf plants with fleshy leaves, grown for edgings, ribbon beds, etc. *Tender perennial.*

479. **Echeveria Secunda Glauca,** small bluish white leaves; 2 to 4 inches 25

FERNS

Graceful plants, giving a beautiful appearance to the conservatory or window; the hardy sorts, grown in rockeries, etc., are beautiful.



480. **Fern, Greenhouse varieties,** mixed 25

481. —**Hardy varieties,** mixed 25

FUCHSIA (Ladies' Ear-Drops)

Beautiful plants for pot culture; waxy, drooping flowers, 1 to 2 ins. long, of exquisite colors. Red, white, pink, etc. *Tender perennial.*

489. **Fuchsia, mixed, single, and double, named sorts**; 1 to 2 ft 50

GERANIUM

Gorgeous flowers, of numerous shades of color, borne continuously, render this the most popular plant grown, either for pot culture in winter, or for bedding out in summer.

483. **Geranium**, apple scented, foliage emits a delicious perfume. 25

484. **—large flowering**, single, mixed, from new varieties.... 25

485. **—double mixed**, includes many varieties 50

See Plant List

GLOXINIA

Plants of great beauty, for conservatory or greenhouse; flowers 2 to 3 ins. long, tinted, mottled and marked with delicate and rich colors; 1 ft. *Tender perennials.*

486. **Gloxinia Grandiflora erecta**, of great beauty and diversity, mixed varieties, saved from the finest erect growing sorts; strongly recommended..... 75

487. **—large flowering mixed.** Choice varieties..... 50

See Bulb List

HELIOTROPE

Deliciously fragrant flowering plants; great favorites for pot culture in the winter, or bedding out in summer; 1½ ft. *Tender perennials.*

488. **Heliotrope, large flowered, finest mixed**..... 15

489. **—King of the Blacks**, a deliciously fragrant flowering variety, bearing large umbels of purplish black flowers continuously; well adapted for pot culture or for bedding out in summer. Price per pkt 20

See Novelty List

HUMEA

A handsome decorative plant, either for pot or gardens, producing drooping pyramids of ruby-red, grass-like florets. *Half-hardy biennial.*

490. **Humea Elegans** 25

KENILWORTH IVY

A charming small, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock-work.

491. **Linaria Cymbalaria**, lavender and purple 25

LANTANA

One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads, and changing in hue; 2 to 5 ft.

492. **Lantana, mixed** 10

MUSA

(Abyssinian Banana Tree)

Magnificent for greenhouse and sub-tropical massing, or as single specimens on the lawn they are strikingly effective. Seeds sown early will produce large plants the first season; 6 to 10 ft. *Tender perennial.*

493. **Musa Ensete.** (See PLANT LIST) 25

PASSION FLOWER

Handsome, rapid climbers, for greenhouse decoration and sunny positions in the open ground in summer. Coerulea is sometimes hardy in a sheltered situation.

494. **Passiflora Coerulea**, large flowers, of violet and light blue, slightly fragrant 10

PRIMULA (Primrose)

The "Chinese Primrose" is a great favorite for winter blooming, the foliage is pretty and attractive, and the flowers borne in clusters are perfectly charming, and borne all through the winter and spring.

495. **Primula Fimbriata Sinensis, mixed**, extra choice, very large, magnificent flowers of the richest and most varied colors 50

496. **—Fimbriata alba magnifica**, flowers are very large, pure white with a bright yellow eye, each petal finely and beautifully fringed and borne in large clusters well above the foliage. 50

497. **—fern-leaved, mixed colors**, large, finely fringed flowers 50

PRIMULA OBCONICA (Japanese)

A profuse blooming Primrose, bearing on long stems heads containing 10 to 15 flowers. It thrives in a cool house, and will grow in favor with those desiring plants that will grow easily. The flowers are pure white, shading occasionally to lilac, and have the true Primrose fragrance. It is in all respects a lovely flower.

498. **Primula Obconica** 25

SOLANUM (Jerusalem Cherry)

Is well adapted for garden or pot culture, bearing numerous little red fruit, which remain on for a long time and look very ornamental.

499. **Solanum Capsicastrum**, 1½ ft 10

SMILAX (Myrsiphallum)

Perennial tuberous-rooted climber, with dark glossy foliage and small white flowers; one of the most desirable greenhouse climbers; 6 to 10 ft.

500. **Asparagoides** (Boston Smilax); ounce, $2.50..... 15

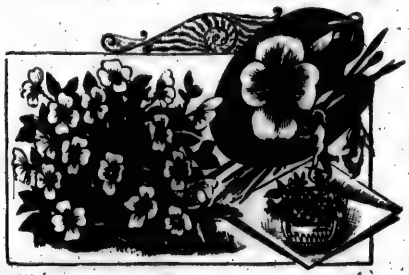
TORENIA

Beautiful trailing plants for vases, baskets, etc.; they bloom continually during summer, also in the winter, if in the greenhouse; flowers large.

501. **Torenia Fournieri**, an elegant border plant in moist, partially shady situations; flowers, porcelain blue and rich violet; throat bright yellow; 6 inches,... 15

502. **—White Wings, novelty 1890.**

The color is unusually attractive, being pure white, with a slight flush of rose at the throat, and is a decided break from the color hitherto known in this genus. The Torenias make one of our best vase and basket plants, on account of their thrifty habit



and profusion of bloom, and only recently has it been known that they are well adapted for edgings and borders in the open ground, growing and flowering luxuriantly in the warmest and sunniest situations, from June until frost. They are extensively used in public parks for this purpose, and the long rows, about 8 inches high, are exceedingly beautiful. This new variety, "White Wings," will be even more showy for this purpose. We highly recommend this. Price per pkt., 15c.

WILD GARDEN SEED

To those who cannot bestow the necessary care required in a neatly laid out flower garden, the "Wild Garden" presents a substitute, which, for its unusual and varied effect, for cheapness and small amount of labor necessary for its construction, has no rival. We have had many satisfactory evidences of the estimation in which the "Wild Garden" is held from those who used our seed the past season.

"Wild Garden Seeds" are a mixture of over 100 varieties of hardy flower seeds mixed together, and wherever planted will it sure something new almost every day. Per oz., 50; per pkt., 15c.

You will always have our orders for all Seeds required. S. A. WESLEY, Clementsville, N.S.

NOTICE.—The summer flowering Bulbs are a most useful and brilliant class of flowers, and are becoming more popular every year, both amongst florists and amateurs everywhere. Bulbs will not be forwarded until severe frosts are over, so that there will be no danger of injury on the way. When Bulbs are ordered with seeds, the seeds will be forwarded at once, **and bulbs as soon as the weather permits.** Customers must not, therefore, feel disappointed if they do not find the bulbs in the first package. ☞ All Bulbs and flowering plants sent by mail, post paid on receipt of Price. ☜

AMARYLLIS, OR "KNIGHTS' STAR-LILY."

Amaryllis or Knights' Star-Lily.

An interesting class of plants, desirable for growing in pots, producing showy, lily-shaped flowers which are very attractive and handsome. The bulbs should be potted in rich, sandy loam, with good drainage. The bulb is of vigorous growth and well repays the care required, being almost sure to bloom the first season. If planted outside after spring flowering it makes a good growth, and is ready for a second blooming in the fall. They require abundant moisture when growing, but at their season of rest, water should be given sparingly. Our stock is very fine.

Amaryllis Formosissima (Jacobean Lily), dark crimson flowers, with most charming and graceful appearance. The bulbs are dormant during the winter, and can be preserved like the Dahlias 35

—**Defiance.**—This is perhaps the finest Amaryllis in cultivation; very large carmine-red flowers, with a bar of white through the centre petal; the whole surface flecked and suffused with shadings of white; a sure bloomer, and one that all should have $1.00

—**Hybrids of Vittata.**—Seedlings from carefully hybridized plants, and may be expected to produce flowers of rare beauty of good size and in varied colors 50

—**Johnsoni**, an elegant pot plant with wine red crimson flowers 5 inches in diameter; each petal striped with white. Flower stalk 2 ft high, with clusters of 3 to 5 blooms 75

(One each of the above four varieties for only $2.00.)

BEGONIAS.

(Tuberous-Rooted)

These Begonias now rank among the finest bulbs for summer flowering. A plant presents a most magnificent sight, and is covered with flowers the whole season. Our collection is magnificent, composed only of the new gigantic flowered sorts which have been so greatly admired.

All Colors, mixed; 3 for 75c.; each, 30c.

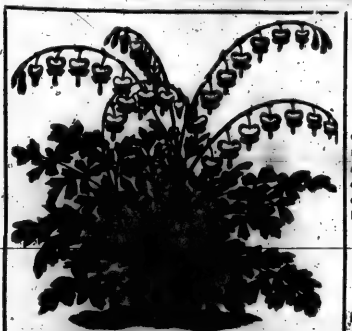
Double Mixed Colors, these produce double blossoms of various colors and great beauty. 3 for $2.50; each 90c.

BEGONIAS.

COOPERIA DRUMMONDI

THE GIANT FAIRY LILY.

This is one of the good new things of which we have been accumulating an enormous stock that we may give it to our customers cheap. It is a member of the Amaryllis family, the bulbs being as large and solid as a medium sized onion, and should be planted in the spring, either in the open ground or in pots (they do as well one way as the other), where they will bloom freely most of the summer, sending up beautiful lily-like white blossoms on stems ten to fifteen inches high. The foliage is quite long, and of peculiar lavender green color. In the fall the bulbs should be lifted, and kept dry over winter, like Gladiolus. It is one of the easiest of all bulbs to grow, absolutely sure to bloom freely, and the beautiful, pure, fairy like blossoms are ever lovely. We hope we offer it at a price that will tempt all to plant it. Strong bulbs, ready for immediate bloom, 15c. each, four for 50c.



DIELYTRA OR BLEEDING HEART.

DIELYTRA

OR Bleeding Heart.

A superb plant. The flowers are borne on long gracefully curved stalks, delicate rose-colored and white, with purple lips, and presenting when in full bloom a wondrously beautiful appearance. It will endure the coldest winter without protection **Dielytra spectabilis,** per doz. $2.50; each, 25c.

Adonis Vernalis.

A hardy perennial border flower, blooming in May. It has beautiful cup-shaped yellow flowers, and handsome foliage—cultivation very easy, each, 20c.

COOPERIA DRUMMONDI

Large Flowering
French Cannas

The spikes somewhat resemble Gladiolus, but their much more brilliant colors show grandly against their tropical foliage; they bloom continually during the summer months without intermission from June until frost. The flowers range in color from the deepest crimson to light yellow, some being beautifully mottled like the finest Orchids. The roots may be kept over from year to year like the Dahlia or Gladiolus.

Shemant, entirely distinct from all other Cannas, its rich green tropical foliage resembling the Musa or Banana. The flowers are 3 inches long, and 2 inches wide, of a glowing crimson color. Each 50c.

Robusta Perfecta, this variety will grow fully 8 feet high, with immense leaves 6 feet long by 1½ feet wide; of deep bronze and green colors. Each, 25c.

Zebrina, very dwarf, with deep bronzy foliage, Each, 25c.

Mixed, unnamed varieties, each 25c., per doz. $2.00.

Mexican Star Flower
or
MILLA BIFLORA

A beautiful small bulbous plant, native of Mexico and recently introduced into cultivation. It should be treated in all respects like a Gladiolus as it is strictly a summer flowering bulb. The flowers are pure waxy white, two inches in diameter, of a star shape, and borne usually in pairs on long slender stems. It is very beautiful especially for cutting as it lasts a long time in water. Too much praise cannot be bestowed upon this lovely flower. It pleases everyone and should be grown very largely. When grown in connection with Bessera Elegans and Cyclobothra Flava the effect is most beautiful. Price 10c., doz. $1.00.

BESSERA ELEGANS

A summer flowering bulb requiring the same treatment as the Gladiolus. It is a splendid companion to Milla Biflora, as it grows about the same height and mixes with that lovely flower a pretty contrast. The flowers are one inch in diameter, drooping in clusters, fine scarlet with a white band through the center of each petal. It is easily grown and sure to please all. Native of Mexico. Price 10c. each; per doz. $1.00.

CALADIUMS

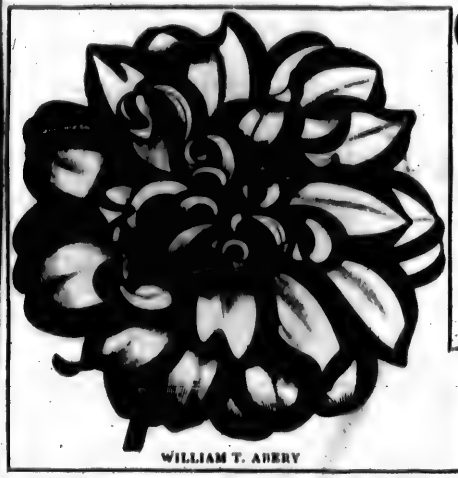
FANCY CALADIUMS

Large quantities of these are now used for summer and fall decoration, and nothing can equal the variety and gorgeous coloring of these ornamental leaved plants when grown on verandas or in situations partially shaded. They are easily grown, thriving in pots or boxes in the house or in shaded situations out-of-doors. The bulbs should be dried off in October, and kept in a warm, dry place during the winter. They should be started into growth about May 1st. (*See cut.*) 40c. each; 3 for $1.00.

Caladium Esculentum

As a single plant for lawns or large flower beds it has no superior. Commonly called "Elephant's Ears." Each, 25c.; 5 for $1.00.

I have used your seeds for the last eight years and find them the finest quality. J. D. Wilkinson, Bears Rapids, Man.



WILLIAM T. ABERY

OUR DAHLIA COLLECTION

The following varieties were specially selected while in flower, and are among the finest show varieties grown. Our collection of this beautiful flower is very fine. Plant Dahlias, in the ground when the season becomes warm. These charming flowers love a rich loam. A sandy soil must be thoroughly enriched with old stable manure to insure a good crop of flowers; water thoroughly once a week, and spray the foliage frequently; stake each plant, tie as they grow up. In the fall take up roots and store in cellar, free from frost.

William T. Abery, Really an old and fine variety, under a new name, but one that from its novelty in marking is sure to please. It belongs to the class of Fancy Dahlias, which are exceedingly beautiful when they come true to color. We are confident it will please our customers, therefore catalogue it—it is dark red, evenly and distinctly striped with golden yellow, semi-double and very handsome. See cut opposite. Price 20 cents each.

Dahlia, Woman in White

This handsome White Dahlia of the large flowering class, is a beauty indeed, and one that we are sure will give the greatest satisfaction. The plants are literally covered with pure snow white flowers. See cut below price 20 cents each.

WOMAN IN WHITE

FINEST SHOW VARIETIES

Each, 25 cents; per doz., $2.50; One of each of the following 25 varieties for $5.00.

Gonder, very peculiar color, buff, shaded with orange.
Charles Lidger, deep yellow, edged with red.
Empress of India, white, striped with lilac, perfect form, large.
Flamingo, vermilion scarlet, very showy.
Florence Stark, white striped with purple, best of its color.
Hector, large flowers of good form, cherry red.
Jezebel, dark rich maroon, tipped with white, quilled flowers.
John Forbes, fawn color, shaded with yellow, striped maroon.
John Standish, rich crimson red.
Lady Mildman, bright lilac, of good form, large and attractive.
Lord Clyde, deep scarlet, fine form.
Lord Hawkie, rich, red, flowers of medium size.
Mrs. Beadle, yellow tip white—sometimes shaded red and orange—always perfect.
Mentor le Villa, deep rose, dark centre, beautiful large flowers.
Mammoth Queen, rich blood red, very striking.
Mrs. Marshion, white, deeply edged, with rosy purple.
Mrs. Saunders, large yellow flower, beautifully tipped with white.
Oriole, a yellow variety, deeply edged with white.
Prussian, Prussian lilac, of perfect form.
Prince Henry, rosy purple, striped maroon.
Queen Mab, white, edges of cups marked with cardinal red.
Queen of Primroses, beautiful primrose yellow, striped purple.
Sunbeam, chrome yellow, very fine, large flowers.
Susan Ingram, deep maroon, very richly colored.
Triumph de Pagav, rich reddish maroon, flowers of perfect form.

OUR PRIZE COLLECTION

This superb collection took *the first prize* at "The Industrial" last fall, and is in every respect unrivalled. Each, 30c.; per doz, $3.

Beauty, large, pure white, extra fine.
Butterfly, yellow ground, beautifully striped with carmine, very showy.
Chairman, buff, bright orange, very showy, good form and size.
Jessie McIntosh, brilliant red, tipped with white, very showy.
Leader, dark rich purple; produces a fine effect when grown with lighter colored varieties.
Modesty, blush, with light centre; large, with great substance.
Maggie Saul, blush, white edged, with purple, extra.
Mrs. Cox, bright yellow, being a pure color, it is very showy.
Pioneer, black, very large bloom.
Perfect Vallon, deep, rich cardinal red flowers, of good form, very bright and showy.
Triumphant, rosy, purple, very fine shape.
Starlier, very dark maroon, with white tips, attractive and showy.

CACTUS DAHLIAS

This new class of Dahlias has opened up an entirely different section. They are intermediate between the double and single varieties, of peculiar and very pleasing form, resembling somewhat some of the Japanese Chrysanthemums. Assorted varieties, mixed, per doz. $3; each, 30 cents.

CHOICEST SINGLE DAHLIAS

This new section of the Dahlia family has become exceedingly fashionable, owing to the value attached to the cut blooms, their airy, butterfly-like forms giving these flowers a grace never attained by the finest double sorts. The flowers range from 3 to 5 inches in diameter.

Aurata, very fine yellow.
Beauty of Cambridge, crimson.
Jean Cowan, maroon, shaded.
Old Gold, golden yellow, and sometimes marked with crimson.
Paragon, dark maroon, shaded with purple.
Victory, large, white excellent.

30 cents each, the six for $1.50.

BOUQUET OR POMPONE DAHLIAS

The flowers of this beautiful class are small, suitable for bouquets, but as perfect in shape as any of the show varieties; they are consequently indispensable in a garden.

Exquisite, deep orange scarlet.
Little Hugo, deep maroon.
Little Maurice, bright scarlet.
Little Rosette, straw color and pink.
Lilliputian, amber color.
Mrs. Dodds, vermilion.
Nabob, white and magenta.
Snowflake, white, good.
Nemesis, maroon, tipped with white.
Cupid, a perfect gem, white; tipped with rose.
Lurline, amber, very good.
Hedwigpolkwyz, red, tipped with white.

Each, 25 cents; per doz., $2.50.

☞ Plants can be sent as soon as danger from frost is passed—about first of April—and will be forwarded by mail (post paid) on receipt of price.

Our : Gladiolus : Collection

THE GLADIOLUS is the most showy of all flowering bulbs; in fact, no flower equals it for brilliant display, and none are more easily grown. Bulbs should be planted in the open ground, from last of April to first of July, and they will bloom from July to October. Plant three inches deep and four inches apart. In October the bulbs should be lifted, dried and stored in the cellar over winter. They produce the finest effect when planted in clumps or masses, and a bed of a hundred or more is a grand sight. Too much cannot be said in praise of our seeding and mixtures. They will produce a gorgeous array of choice colors. Look at our unparalled offer of 8 choice sorts for 50c.

THE NEW GLADIOLUS

"SNOW WHITE"

This remarkably fine Gladiolus is the best white yet grown. Flowers are well formed, of exceptional substance, and are paper white, lasting a long time when cut. Spikes of good size, and petals gracefully recurved. When planted late, a faint shade of purple extends half way through the lower petal. If, however, spikes are cut and placed in water, no trace of pink will appear—a decided acquisition. 50c. each; $5 doz.

The following varieties are all extra fine, as we have discarded all old, poor sorts, and offer these at *very low prices*.

The Gem Collection for 50c. of Eight Named Gladioli.

We want to induce all our customers to plant Gladioli, and taking advantage of an immense stock, we offer this splendid collection at about one-third the regular retail prices. They are all distinct, handsome and *positively true to name*. On receipt of 50 cents we will send, post-paid, all of the eight varieties here named.

Brenchleyensis, bright vermilion-scarlet, showy 10
Ceres, pure white, spotted purplish-rose 10
Eugene Scribe, flowers large and wide, rose, with carmine-red 10
John Bull, white, slightly tinged with sulphur 15
Mme. Monnerot, delicate rose, with white stripe in centre of each petal, carmine blotch on salmon ground 10
Princess of Wales, white, flamed with carmine-rose; deep carmine blotch 15
Isaac Buchanan, new, the finest yellow, for massing 15
Galathia, blush-white, with carmine blotch 15

THIS CHOICE COLLECTION FOR $1.00

Apelon, rosy lilac, rose blotch, striped white 15
Arsine, fine satin rose, with bright carmine 15
Angelo, white, very showy and effective 15
Antenitus, scarlet cherry, tinged with orange, flamed carmine; pure white blotch 15
Ida, white ground, slightly tinged with rose, flamed with crimson, lower petals light yellow 20
James Carter, light orange-red; large pure white blotch 20
Lord Byron, brilliant scarlet, blotched and flaked with pure white 20
Nelly, white, flamed with carmine-rose; large blotch of dark carmine 20

OUR $2.00 COLLECTION

Chamelion, compact truss, flowers flamed orange, white bands down middle of each petal; large creamy-white blotch. 50
La Candour, white, lightly striped with carmine-violet; nearly pure white 25
Lemart, large flowers of cherry color; slightly tinted with orange, blazed with red; centre well lighted, very large. 25
Laura, light orange red, tinged and flamed with carmine; white blotch 25
Martha Washington, light yellow, large size, well arranged spike, lower petals tinged with rose 25
Phidias, brilliant purple, tinted with violet; large pure white blotch, feathered with carmine-cherry 25
Robert Fortune, orange-lake, shading off to purple-crimson, veined white 20
Rol Leopold, blush-rose, slightly suffused with orange and shaded deep currant-red; white blotch 35
Van Dyck, crimson amaranth, striped with white 25
Zenobia, rose, slightly tinted with violet, flamed with dark carmine; large white blotch, feathered with carmine 20

OUR SELECT COLLECTION FOR $3.50—VERY CHOICE

Arabi Pasha, scarlet flower, of a bright shade, with a large ivory-white blotch, golden at the edges 35
Baroness Burdett-Coutts, delicate lilac, tinged with rose, flamed with purple; spike very long; flowers unusually large 35
General Phil. Sherman, long spike of fine red flowers of large size; distinct white line running through each petal; a large white blotch on lower division; a remarkable and showy variety 35
Mount Etna, long spike, flowers of most brilliant velvety-scarlet, streaked with deeper scarlet at the edges; white band in centre of the upper petals 1.00
President Lincoln, an exceedingly showy variety; strong long spike; flowers large, with blush-white ground; the edges of the petals suffused with bright rose; lower division heavily blotched and finely lined with crimson. 75
Tertiatz, lovely and very distinct flower; pure white, suffused with rose and striped carmine at the edges; lower petals pale rose, largely blotched and striped with bright violet 60

CHOICE MIXED GLADIOLI

	Each	per doz.	per 25	per 100
Light Colors and White Mixed	10c.	$1 00	1 60	$6 00
Shades of Red Mixed	5c.	60	1 10	4 00
Extra Choice Mixed Colors	5c.	60	1 10	4 00

LEMOINE'S NEW HARDY HYBRID GLADIOLI

Mixed colors. Of all Gladioli, these are among the most curious and beautiful. The odd and fascinating markings of the flowers, and their beautiful shape resembles the fascinating beauty of that rarest of all flowers, the Orchid. Yellow, crimson, white, brown, green, pink, etc., are all blended together, producing an effect seen in no other flower. Seed which will bloom the second year, 20c. per pkt.; large bulbs, 20c. each; 2 for 30c.; 12 for $1.75.

HARDY GLADIOLI

The following beautiful Gladioli are hardy, and can be left in the ground over winter, or stored in the cellar, same as ordinary varieties, as may be desired.

Dracocephalus, bronzy yellowish-green; an odd and curious color ..... each 25
Saundersoni, a grand variety, bearing beautiful light scarlet blossoms, the throat of which is thickly spotted with white; unlike any other sort ..... each 50
Byzantinus, crimson-purple; Orchid-shaped flowers; early ..... each 10c., per doz. 1.00
Above Three Varieties, Mixed ..... " 2.00

TRITOMA UVARIA (Red-Hot Poker)

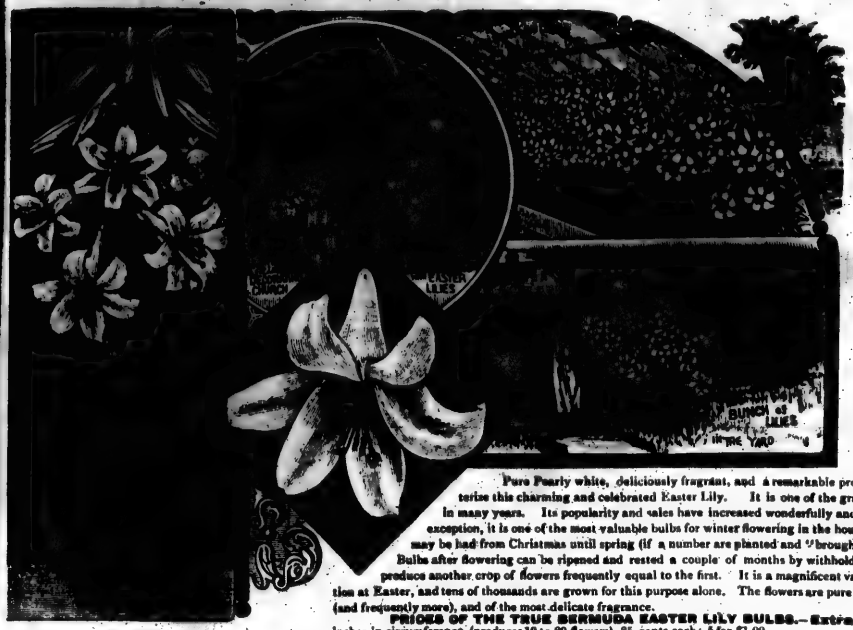
A very showy summer-flowering plant, blooming freely in any good garden soil. Plant early in spring and lift roots in the fall, or protect carefully during the winter. Each, 30c.; per doz., $3.00.

IRIS (Flowering Flag—Fleur-de-Lis)

Very beautiful flowering bulbs, which are deserving of more extended cultivation; their rich and varied colors of blue, violet, purple, lilac, white and yellow, render them attractive. They are of the easiest culture, growing freely in any soil. The bulbs should be planted early, as they do not keep well out of ground.

	Each	Per doz.
English (Anglica), splendid mixed varieties	5c.	30 40
English, Mount Blanc, pure white	10c.	1 00
Spanish, in 25 choice named sorts of great beauty	5c.	0 40
Germanica, fine variety, large flowers	10c.	1 00
Persica, sweet-scented, splendid	5c.	0 40
Kaempferi, (Japanese). An excellent variety, flowers very large, varying in color from pure white to deep blue, beautifully veined and mottled	20c.	2 00

OUR SELECTED COLLECTION OF LILIES



THE TRUE

Bermuda Easter Lily

(LILIUM HARRISI)

Pure Pearly white, deliciously fragrant, and a remarkable profusion of bloom, characterize this charming and celebrated Easter Lily. It is one of the grandest acquisitions made in many years. Its popularity and sales have increased wonderfully and deservedly, for without exception, it is one of the most valuable bulbs for winter flowering in the house. A profusion of bloom may be had from Christmas until spring (if a number are planted and "brought in" at different times.) Bulbs after flowering can be ripened and rested a couple of months by withholding water, and will then produce another crop of flowers frequently equal to the first. It is a magnificent variety for Church decoration at Easter, and tens of thousands are grown for this purpose alone. The flowers are pure white, 4 to 5 inches long (and frequently more), and of the most delicate fragrance.

PRICES OF THE TRUE BERMUDA EASTER LILY BULBS.—Extra Large Bulbs 7 to 9 inches in circumference (produces 10 to 20 flowers), 25 cents each; 5 for $1.00.

LILIES

(OTHER VARIETIES.)

Longiflorum.—The well-known beautiful snow-white, fragrant, hardy garden Lily, flowers trumpet-shaped, 6 to 8 inches long. Height, 1½ to 5 feet; and in the open ground, blooms in June and July. Price each 25c.; per dor., $1.50.

Wallacei.—A magnificent Japanese variety, with beautiful clear buff flowers, spotted with black; very distinct, and one of the finest Lilies grown. Price, each, 50c.

Excelsum (*Isabellinum*).—The stately form, beauty of color, and delightful fragrance of this variety has made it a great favorite wherever known. It grows from 5 to 6 feet high, and produces from 6 to 12 nodding Lilies of a delicate light buff color. Price, each 40c.

Superbum.—Beautiful and rich as many of our native Lilies are, this far excels them all, bearing a pyramid of yellowish-red flowers; blooms early in July; in good soil it frequently reaches 8 feet in height. Price 20c. each; 3 for 50.

Double Tiger Lily (*Tigrinum Fl. Pl.*)—A plant of stately habit, growing from 4 to 6 feet high; foliage dark green, very long, bearing an immense number of double, bright orange-red flowers, spotted with black. Price, 15c; 4 for 50c.

LILIUM AURATUM.

LILIUM AURATUM

(Yam Yura, or Hill Lily of the Japanese.)

The Golden-Banded Queen of Lilies. Ivory-white ground, richly strewn with purple studs. The centre of each petal has a broad band of yellow extending from tip to base. We offer, this season, a large stock of this peerless variety, which, beyond question, is the grandest of all the Lily family. Fully expanded, the flowers measure nearly a foot across, are produced abundantly, and possess a most delicious fragrance. Price, 25c. each; 5 for $1.00.

Coral Lily of Siberia

Tenuifolium.—This superb Lily is entirely distinct from all others. The perfect symmetry of the entire plant, foliage and flower is wonderful. Its spike of scarlet flame-like flowers, is held erect like a flambeau at night. The texture of the flower is like a piece of coral of the most brilliant red we ever saw. Set off with most telling contrast with its graceful fern like foliage of emerald-green. The foliage is slender and graceful. It is a native of Siberia, and very hardy. Blooms very early in May or June, and has frequently 27 blooms. Plant in loose soil, with good drainage, with top of bulb 3 inches below the surface. Price, each, 30c.; 4 for $1.00.

Nymphea Odorata,

(WATER LILY)

Nymphea is the well known double white Water or Pond Lily. The cultivation is attended with little difficulty. The roots should be obtained in the early spring, and placed in a tub from 18 inches to 2 feet in depth, put in 6 inches of rich loam, barely covering the tubers, and fill the cask with water, replenishing it as it loses by evaporation. When well grown they measure 6 inches across; the foliage 12 inches. Price, 25c. each,

THE

Madonna Lily.

CANDIDUM (White Garden Lily).—One of the oldest and best for out-door decoration. It is also one of the best forcing Lilies for florists on account of its snow white fragrant blossoms. Price per doz., $1.00; each, 10c.

We have always found your seeds to give the best satisfaction.—Shelton Knight, Sardis, B. C

Your vegetable seeds were equal to the best obtained anywhere and gave great satisfaction.—Dr. Gardiner, Lucknow.

The seeds we got were immense and could not be equalled.—A. J. Street, Chilliwhack, B. C.

MONTBRETIAS

MONTBRETIAS

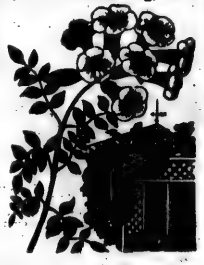
Pottsii, resembling somewhat a miniature Gladiolus. It throws up several flower spikes some 10 inches long, and numerous small side spikes, making it exceedingly floriferous. Flowers of a bright orange-red, of most perfect form and grace. One of the finest summer flowering bulbs. Each, 10c.; 3 for 25c.; per doz., $1.00.

Crocosmiaeflora. Very large flowers, of fine shape; base of the flower is bright orange, sprinkled with purple spots, arranged like a Tigridia. Each, 10c.; 3 for 25c.

Bignonia Radicans

(Trumpet Creeper.)

A splendid climbing plant, suitable for covering dead trees, fences, etc., with large clusters of trumpet shaped orange red flowers, blooms in August, about 3 inches long, handsome in bud, as well as in flower. The foliage is also very beautiful, a collection of small leaflets arranged upon a single stem, beautiful for vase and flower work. This plant is not only an admirable climber, but on the lawn makes a pretty tree-formed bush, if tops are cut back, having the appearance of a weeping shrub. Each, 40c.



Honeysuckle

No plant has a more familiar sound than the name Honeysuckle, it is one of the oldest and most popular upon the list of climbers.

Halleana (Hall's), nearly evergreen; flowers pure white, changing to yellow, covered with flowers June to November, with fragrance like a Jessamine. Large roots 50c.

Sweet-Scented, a fine, hardy grower; flowers large and exceedingly sweet; color, buff, yellow and red; a constant bloomer; one of the finest. Large roots, 50c.

Red Coral, a hardy rapid grower, suitable for rock work, etc.; bright red, trumpet-shaped flower. Large roots 50c.

TUBEROSE.

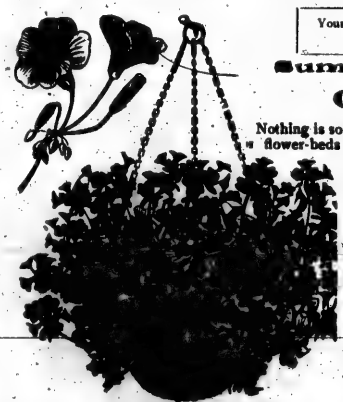
TUBEROSE

The flowers of this well known and popular plant are waxy white, double, and so fragrant as to perfume the whole atmosphere for some distance around. They are useful for forming button-hole bouquets, in large bouquets, or as single specimens. To grow Tuberose fill five-inch pots half full of cow manure, and the remainder with good rich earth, mixed with sand. Plant the bulbs in this in April, water moderately, hasten growth by putting in a warm, light place. When weather becomes warm, plunge pots in earth out of doors. They usually flower before cold weather in Autumn; if they do not they can be brought in, and will bloom in the house. The bulbs cannot be safely sent by mail before April 1st; each 10c., per doz., 75c., per 100 $4.00.

Spotted Leaf Calla

(Richardia Alba Maculata.)

Plant always ornamental, even when not in flower. Dark green leaves being spotted with white; in other respects the plant is the same as the white Calla, except being of smaller habit. In addition to its usefulness as a pot plant it makes a fine thing for planting in the garden in the summer. (See cut.) Dry bulbs, each, 25c.



OXALIS.

Your seeds are a success in every respect.
D. Watson, Dundas, Ont.

Summer Flowering

OXALIS

Nothing is so valuable for edging the borders of walks or flower-beds as Oxalis. Bulbs, when planted three inches apart, produce an unbroken row of elegant foliage and pretty flowers; planted the first of May, will be in bloom by the first of June. In Autumn they should be lifted and stored in the cellar like Gladiolus. No flower is easier grown than this; they succeed in all soils; charming when grown in pots, and make a very attractive mass of fine foliage and gay flowers. We know of no bulb which will give so much satisfaction as this. Lift in autumn. Red, yellow and white mixed; each 5c.; doz. 50c.

CHINESE SACRED NARCISSUS

ORIENTAL LILY OR JOSS FLOWER

CHINESE SACRED NARCISSUS

THE prettiest of all the Bunch Flowering Narcissus, and is the sort grown by Chinamen for their New Year festivals. It is easily handled, bears pure white flowers, with a lemon or orange cup, and can be brought into bloom when grown in water. For a window ornament they are unexcelled.

Culture, this exquisite flower succeeds best in a vase or dish, about 3 inches deep, which should have in it 1½ inches of sand, covered with one inch of gravel. Place the bulbs on this and fill the dish with water. If kept shaded till growth begins, excellent results will be obtained.

Price, each, 25c., 5 for $1.

MEXICAN SHELL FLOWER
(Tigridia grandiflora)

GLOXINIAS

Charming plants, being almost unsurpassed for beauty of flower and richness in coloring, and not difficult to grow. Our strain is as exceeding by fine one; the colors being very varied, they are really magnificent and cannot fail to give great satisfaction. Assorted colors, each 40c.; 3 for $1.

CYCLOBOTHRA FLAVA.

A lovely little bulb from Mexico, producing three petaled, cup shaped blossoms, yellow spotted with brown, and drooping. It is closely allied to the Calochortus, but unlike that beautiful flower, it does not succeed well for winter blooming, and should be treated like a summer flowering bulb, planted out in the spring and taken up in the fall, and kept dry over winter. Its foliage is narrow and grass like. While it is a pretty little flower, it is not so showy as some other bulbs, but lovely for cutting. Price 10c. each, per doz. $1.00.

PERUVIAN WHITE SEA DAFFODIL or Spider Lily.

TIGRIDIAS,

Peacock Tiger Flower,
or
Mexican Shell Flower.

Extremely handsome summer flowering bulbs, growing about 2 feet high, producing large gorgeous flowers, exquisitely spotted; they flower very freely throughout the summer, particularly if the bulbs are planted in a warm sunny position.

Mexican Shell Flower, Tigridia Conchiflora. Dark yellow, large red spots, 5c. each; per dozen 50c.

Peacock Tiger Flower, Tigridia Grandiflora. Very large bright crimson centre, mottled with yellow, 8c. each; per doz. 75c.

The White Tiger Flower, Tigridia Grandiflora Alba. Flowers large ivory white, spotted at the base with red on a yellowish ground, forming a fine contrast with the white of the petals. (*See Cut.*) 10c. each; per doz. $1.00.

CYCLOBOTHRA FLAVA.

White Sea Daffodil. A Peruvian Bulb of easiest culture, which freely produces clusters of large white flowers of delightful fragrance. They may be grown in pots, in good, rich soil, and will bloom well in the house or conservatory. Plant out in summer in May, must be taken up in the fall, potted, and a little or no water given until the next season, when the bulb will have increased in size and will bloom more abundantly. The crown of the bulb should be set just below the soil. Price 40c. each, or 3 for $1.

THE GIANT CAPE HYACINTH

Galtonia or Hyacinthus Candicans.

This plant somewhat resembles the Yucca, although not so large. It throws up a flower-stem about 4 feet high, on which it bears from 20 to 30 pure white, bell-shaped flowers. They are very gracefully hung, forming an almost perfect pyramid. They are quite hardy, but it is well to give them a slight covering for winter. Strong bulbs, each 20c., 3 for 50c.

MADEIRA OR MIGNONETTE VINE.

A rapid, luxuriant summer climber, with thick waxy foliage, and fragrant flowers. Price 8c. each; 50c. per doz.

Have always had good satisfaction with your seeds.
Thos. Colwell, Dorchester, N. B.

We like your seeds better than any we have tried.
Geo. Worsley, Kearney, Ont.

GIANT CAPE HYACINTH.
(Galtonia Candicans.)

CLEMATIS

CLEMATIS

Clematis has attained greater popularity in a short time than any other plant. Within a few years it has become the favorite climber of the world. It makes rapid growth, and produces its beautiful showy flowers in the greatest profusion until autumn. For pillars of verandas, trellises or bedding in masses the Clematis cannot be excelled. *C Jackmani* is particularly desirable for the purpose.

Clematis Jackmani, the most showy of all hardy climbers; old plants being literally covered with flowers of intense violet blue, and from four to six inches in diameter. See illustration.

Lanuginosa candida, flowers large, almost pure white, often from four to six inches in diameter; one of the best.

Gem, a new and valuable perpetual blooming variety

Earl of Beaconsfield, very rich violet, a splendid variety.

Henryii, fine, large pure white waxy flowers, one of the best; strong grower.

Standishii, flowers dark purplish, blooms early in the season, very profuse.

Stella, light purple, red bar.

Double White, exceedingly fine.

John Gould Veitch, Flowers large and double; bright lavender blue. Mailing plants, each 75c.; large plants by express, $1.00.

BOSTON IVY
OR
Ampelopsis Veitchi

This grows as rapidly as the old Virginia Creeper, and attains a height of fifty feet. It clings firmly to any wall, tree, etc. The leaves are small on young plants, which at first are of an olive green brown color, changing to bright scarlet in the autumn. As the plant acquires age, the leaves increase in size. This variety becomes more popular every season, and is without question one of the very best climbing plants for covering brick or stone walls that can be grown. Each 25c.; per doz. $2.50.

AMPELOPSIS QUINQUEFOLIA

(The Old Virginia Creeper)

A strong rapid grower. Large dark green foliage, changing in autumn to bronze and bright crimson. Hardy in the north-west. Large plants, each, 25c.

AMPELOPSIS VEITCHI

APIOS TUBEROSA

APIOS TUBEROSA

(Tuberous-Rooted Wistaria)

One of the grandest and most beautiful climbing vines in cultivation. It grows very quickly, and attains a great height, making, with its dense foliage and beautiful flowers, a most attractive screen. In vine and foliage it resembles the common Wistaria. It blooms most profusely, bearing lovely clusters of rich, deep purple flowers, possessing a strong, delicious violet fragrance. Plant the bulbs near a trellis, fence, tree, or wherever a rapid growing climber is desired. The bulbs are perfectly hardy and need not be taken up over winter. A vine so sure to grow and give satisfaction, should be in every garden. Each, 15c.; three for 35c.; six for 50c.; thirteen for $1.00.

COBEA SCANDENS

A beautiful climber of rapid growth, bearing large purple bell-shaped flowers. Small plants by mail, each 35c., large plants, 50c.

Moon Flower

A very rapid growing vine, which will easily cover a surface of 25x40 feet during the season. At night and during dull days the plants are covered with an abundance of large, pure white fragrant flowers, 3 to 4 inches in diameter. One of the most showy of the annual climbers, very rampant grower. Each, 25c.; per doz. $2.50.

MOON FLOWER

HARDY HERBACOUS PHLOXES

One of the finest of all out-door flowering plants. Young plants bloom profusely the first season, and they remain from year to year without protection, and always increasing in beauty. Divide and replant, in sunny situation and rich soil. Each, 15c.; per doz., $1.00.

EARLY FLOWERING

Bouquet, white, a fine truss.
Charles Downie, dark lilac-rose, fine large flower.
Miss Martin, white shaded, rosy-mauve.
Nettie Stewart, white centre, slightly shaded, tremendous truss and flower.
Rose of Cantilie, faint rose eye, extra fine form.
Sanapariel, snow white, light rose eye.

LATE FLOWERING

Auguste, Riviere, bright salmon, red, large flowers.
Lothair, rich salmon, crimson eye, a large fine formed flower.
Marshal, Vaillant, red slate, colored stripe.
Mercury, fine, pure white, light rose eye, good truss.
T. S. Ware, lilac striped, a very distinct variety.
Thos. Swanston, rich bright crimson, of fine substance.

PERENNIAL PHLOX

OUR
SUPERB PÆONIES
(HERBACEOUS)

OUR SUPERB PÆONIES

Magnificent hardy plants, almost rivaling the Rose in brilliancy of color and perfection of bloom. They thrive in almost any soil or situation, and when planted in large clumps on the lawn make a magnificent display of flower and foliage. Some of the varieties are very fragrant. They are perfectly hardy, require little or no care, and produce larger and finer blooms when well-established. The varieties offered embrace the best contrasting colors. Each, 25c.; per 10, $2.00.

CINNAMON VINE

MUSA ENSETÉ

MUSA ENSETE
(Abyssinian Banana)

The noblest of all plants is the great Abyssinian Banana. The leaves are magnificent, long, broad and massive, of a beautiful green, with a broad crimson midrib, 12 feet high. During the hot summer it grows rapidly, and attains gigantic proportions, producing a tropical effect on the lawn; requires a very rich bed; store in cellar during winter, with a covering of soil. Plants, 8 in. 50c.; seed, per pkt., 25c.

HOLLYHOOK

We have a very large and choice collection of one-year old plants that will bloom this year. No garden can afford to be without a few of them. Each, 20c.; per doz., $2.00.

THE CINNAMON VINE

This beautiful climber possesses the rare quality of emitting from its flowers the delightful odor of the cinnamon, and is very appropriately called the "Cinnamon Vine." Perfectly hardy, the stem dying down every autumn, but growing so rapidly in the spring as to completely cover any trellis or arbor very early in the season. It is as easily cultivated as the Madeira Vine, has no insect enemies, and is not affected by drouth. It will make from ten to twenty feet of vine, and with its beautiful heart-shaped leaves, bright green peculiar foliage, and clusters of delicate white flowers, sending forth a delicious cinnamon odor, render it by far one of the most desirable climbers in cultivation. Bulbs, 6 for 50c., or 80c. per doz., post-paid.

LILY OF THE VALLEY

No flower so easily wins our love and keeps it forever, as the Lily of the Valley—the sweetest, most delicate flower, being perfectly hardy, and each succeeding year rewards the grower with greater abundance of deliciously fragrant blossoms. Strong clumps, each, 40c.

THREE CHOICE FUCHSIAS

MRS. E. C. HILL FUCHSIA.

THIS magnificent variety was raised and introduced by Mons. Victor Lemoine, of France, and is undeniably the most perfect and double white Fuchsia ever raised. The short tube and sepals are a bright, rich reddish crimson color; corolla extra large, full and double; flower of the largest size. In all, save color, it is like Phenomenal. It is of the most robust, upright growth, not coarse, but compact and very symmetrical. It has every qualification to recommend it—size, freedom of bloom, and good constitution. Each, 25c. (*See cut.*)

MRS. E. C. HILL

PHENOMENAL FUCHSIA

The new Giant Fuchsia. This is a new sort of great merit. The plant is a tall, strong grower, branching like a tree. Its flowers are of enormous sizes, as large as teacups, and very double; sepals scarlet, corolla rich violet purple. Each, 25c. (*See cut.*)

STORM KING FUCHSIA

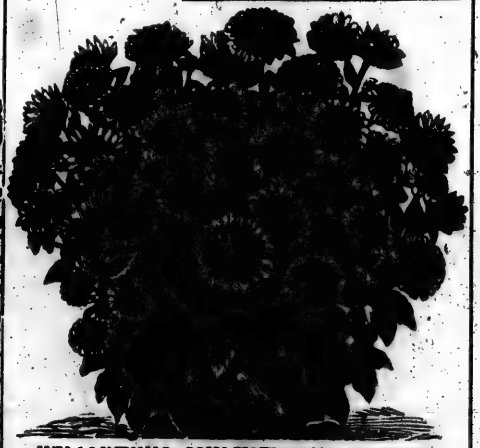
This grand plant is of the most beautiful weeping habit; the branches drooping as they do, lend the plant a charming grace, which is rarely found; branches numerous, leaves small and numerous, and of the most beautiful glowing green. The buds for two weeks before they expand are balls of bright scarlet, and are one of the principal beauties of the plant, as they hang suspended among the dense green foliage. The flowers continue to grow larger and larger for several days after they expand and reach an enormous size. The sepals are of the same glowing scarlet as the bud, while the large double corolla is of delicate waxy whiteness, elegantly pencilled with deep bright crimson. No finer contrast of color can be imagined. Each, 25c.

PHENOMENAL

ARUNDO GRASS

(Donax Variegata)

A beautiful bamboo reed. The tallest of all the variegated grasses. Foliage beautifully striped with white; leaves broad; half-hardy. Each, 25c.



HELIANTHUS MULTIFLORUS PLENUS

This is truly a golden gem. A plant that should be in every garden, and one that will give entire satisfaction. The flowers are from three to four inches in diameter, as double as any double Dahlia, and cover the plant from the ground to the top. Color, a bright golden yellow. It is unsurpassed as a cut flower, at a season when most other flowers wilt and fade in a few hours, lasting fully a week or more. It is one of the most desirable plants. It should have a sunny position and rich soil; it is hardy, but there many places where it requires protection. Each, 25c.

EULALIA JAPONICA GRASS

ZEBRINA

This variety resembles Japonica in hardness, growth and bloom. The long blades are marked with broad yellow bands across the leaf, instead of longitudinally. The markings are unlike any other grass. It makes a very attractive specimen plant in the lawn, and will not fail to attract attention. Each, 35c.; per doz., $3.00.

MENAL,

HICA GRASS

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. The long blades
yellow bands across
ngitudinally. The
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specimen plant in
fail to attract atten-
doz., $3.00.

ROSES

No flower is so universally popular as the Rose—the Queen of flowers—they are everywhere wanted, are nowhere out of place, are always admired, and are the most valuable of all flowers for bouquets and other floral work. The "*Ever Bloomers*" are always in bloom, and from a small bed an abundance of beautiful buds can be cut daily. As pot plants for winter bloom they are everywhere cultivated. *The secret of having good roses* is in having vigorous and healthy plants. If the health and vigor of a plant is allowed to suffer from the time they are propagated until large enough to be sent out, it will never fully recover, but will always be a weak grower and a poor bloomer. Knowing the importance of this, we use every possible care to produce plants of great strength and vigor, and it is for this reason the plants we send out produce such an *unusually* large amount of the largest and finest flowers. Those who plant our roses are sure to be delighted with them. There great superiority over most other roses usually sent out can be seen from the start. *Our complete system of mailing Roses and other plants, insures their carrying to the remotest part of the Dominion in perfect order.* All roses will be sent by mail (post-paid), on receipt of prices quoted. *They are all grown upon their own roots;* strong healthy young plants. Orders should reach us not later than the first of April, about which time they will be sent out. Kindly order early.

EVERBLOOMING TEAS

Tea Roses are celebrated the world over for their delicious fragrance and the exquisite form and rich charming tints of the flowers. Our list comprises some of the finest varieties in cultivation. Being more tender than any other Roses in the Catalogue, they require a house, pit or cellar to protect them through the winter. For blooming in the house during the winter, they are most desirable.

Bon Silene, color, deep rose, noted for the size and beauty of its buds. Each, 20c.

Bougere, a superb rose, very large, double and full, delightfully sweet, tea-scented, color bronze rose or violet crimson, delicately shaded with lilac. Each, 15c.

Catherine Mermet, the color is pure silvery rose, illuminated at the base of petals with yellow. Each 20c.

Niphetos, a snow white rose of immense size, the bud when full grown running from two to three inches in length. When half grown or fully open, it is possibly startling by its size and its purity. Each, 20c.

Papa Gontier, a magnificent red Tea; flowers large and semi-double, a vivid rose color, shaded yellow, reverse of petals crimson, free-growing and flowering profusely. Each, 20c.

Perle des Jardines, the one Tea Rose which you cannot possibly afford to do without. The color is faultless, whether the waxy petals show the rich cream tint of cool weather, or take on the rich golden shades which a warm sun gives them. Each, 20c.

Dr. Pasteur, a very lovely Hermosa pink, unshaded, of immense size, very double, with recurved petals, of texture of the Camellia, beautiful when open; strong grower and constantly in bloom. Each, 25c.

La France, the queen of all the roses. It is of extra size, extra double and of superb form. No rose can surpass it in delicate coloring—silvery rose shades, with pink; it has a satin sheen over all its petals. It is universally regarded as the most beautiful and useful of all roses. Each, 15c.

Madame Hoste, one of the finest; strong bush grower; flower of ivy white, of even tint, except in summer, when it changes to canary; fine globular pointed shaped bud. "The" rose of the year. Each, 35c.

Madame de Watteville. Color a beautiful creamy yellow, tinged with large shell-like petals having a bright crimson-yellow border. There is no other rose like it in color. This is the Tulip Rose of Europe, so called from the feathery shading of the petals, 35c.

Pierre Guillot. Bright, dazzling crimson, passing to brilliant carmine; petals beautifully veined with pure white; flowers large, very double and full, a free bloomer, and very sweet. One of the best for the market florist. Each, 35c.

Miss Ethel Brownlow, a pure Tea robust, with rich foliage, a free flowerer and perfect form. Color, salmon pink, shaded yellow at base. Each, 30c.

Marechal Niel, a beautiful deep sulphur yellow; very full, large and exceedingly fragrant. It is the finest yellow rose in existence. It has a climbing habit, and where it is allowed to grow until it attains a large size, as it will in a few years, it will yield thousands of beautiful flowers. Each, 20c.

Madame Pierre Guillot, moderately vigorous in growth. Flowers large, nice shape. Color orange yellow, bordered and lined with rosy carmine, reverse of the petals yellowish white. A magnificent variety. Each 35c.

Meteor, (Hybrid Tea). A velvety red ever-bloomer of the deepest glowing crimson, as fine as a Hybrid; flower of medium size, very double, and petals slightly recurving; a beautiful open rose, a free bloomer, and promising well as a pot rose. Each, 35c.

Souvenir d'un Ami, fine, delicate rose, shaded with salmon; very large, full and double; exquisitely fragrant. Can always be relied upon as amongst the best. Each, 20c.

White Perle, (new). We think every lover of White Tea Roses will be delighted with this, a sport from Perle des Jardines; fine foliage. Each, 35c.

Sunset, is a "sport" from that grand variety, Perle des Jardines, which it strongly resembles, except in color. The flowers are large, fine, full, very double and deliciously fragrant. The color is a remarkable shade of rich, golden amber, elegantly tinged and shaded with dark, ruddy copper, intensely beautiful and resembling in color a splendid "afterglow." One of the finest roses of recent introduction. Each 25c.

The Bride, the best pure ivory white Tea Rose. The bloom is not finer than Niphetos, for that is impossible, but is a stronger grower. The buds are of grand size. A fine bunch of its buds, cut with its long sprays of foliage, would grace any bride in her wedding robes. In very hot weather its outer petals take on a pale flush; except in unusually hot, dry summers, it is unsurpassed for purity of whiteness, form and size. Each, 20c.

W. F. Bennett, undoubtedly the best red forcing rose in existence, though closely followed by Papa Gontier. A cluster of good buds from it is not soon forgotten. It is, however, not a satisfactory bedding variety, turning into a variety of dull colors, with the sun, and opening out imperfectly. Each, 20c.

Ye Primrose Dame, an astonishing rose, free bloomer; small plants covered with buds, slender drooping habit, delicate foliage, color perfect, outer petals delicate cream, glowing carmine centre; a great favorite. Each, 25c.

PLEASE NOTE—These are mailing plants out of 2½ inch pots. Large plants can be supplied, if desired, but at higher Prices. Prices on application.

HARDY CLIMBING ROSES

Climbing Roses are highly valuable for training over arbors, trellises, verandas also as screens for unsightly objects, such as old buildings, fences, walls, etc. They grow 10 to 12 feet high, and are perfectly hardy. Their rapid growth, luxuriant foliage and immense clusters of bright cheerful flowers commend them to every one, and are among the most beautiful of flowering plants. The varieties described below are the best, and succeed well in all sections of the country.

Rose, Baltimore Belle, pale blush, variegated carmine, rose and white; very double flowers in beautiful clusters, the whole plant appearing a perfect mass of bloom; one of the very best of all the type.

Gem of the Prairie, bright violet crimson; large, very double and fragrant. The flowers are borne on trusses, numbering from 10 to 20 buds each.

Greville, or Seven Sisters, flowers in large clusters; varies in color, from white to crimson.

Prairie Queen, flowers very large and of peculiar form, bright rosy red, changing to lighter as the flower opens.

Tennessee Belle, clear rose color, in large clusters; a fine climbing variety.

Price, each, 30c.; per doz. $3.00

One each of the above collection of five for 1.25

MOSS ROSES

A class of Roses which is a general favorite. The beauty of the flowers consists in the delicate mossy covering, which surrounds the bud, and which gives to the opening flower a unique appearance The varieties listed comprise the best of this section, and are all perfectly hardy. Being difficult and slow of propagation, the price is higher than for most other roses. Price, each, 30c.; per doz. $3.00.

Glory of Mosses, color, deep rosy carmine, shaded purple crimson; very mossy and fragrant, a most profuse bloomer.

Perpetual White, one of the finest of the family; flowers in clusters, buds heavily mossed; fragrant; strong growing, free blooming; very desirable for cemetery planting.

Mme. Moreau, buds finely mossed and very beautiful; color, rich carmine, with crimson centre; petals edged with white; fragrant.

Salet (perpetual), a strong grower; one of the best and most widely known; flower, bright rose, lighter edges, large and double.

Princess Adelaide, a vigorous grower; pale rose of medium size and good form; good in bud and flower; one of the best.

HARDY PERPETUAL ROSES

Hybrid Perpetual Roses are hardy and vigorous. The flowers are very large, of delightful fragrance, and the colors are richer than the Monthly or Everblooming sorts. They are not constant bloomers, but live from year to year, and flower profusely in June, with occasional flowers during the summer and fall.

American Beauty, an excellent rose for forcing or open air. The flowers are very double, of a deep crimson color, and very fragrant. Its blooming qualities are remarkable, as it is scarcely ever out of flower, and is a true type of what a Hybrid Perpetual Rose should be. The most valuable of late introductions. Each, 35c.

Antoine Mouton, extra large and full; very sweet; a strong, vigorous grower and free bloomer; color, bright, clear pink; very beautiful. Each, 30c.

Anna de Diesbach, bright fine rose color, very large and showy. Particularly fine in bud. Each, 30c.

Alfred Colomb, bright carmine-crimson; very large and full, and of fine globular form. One of the finest roses grown. Each, 30c.

Baronne Prevost, pure rose color, free bloomer; flowers large, flat, full; very fragrant, and of excellent habit; very hardy. Each, 30c.

Baron Nathaniel de Rothschild, color, bright carmine, passing at centre to clear pink, edged with white; exquisitely perfumed. Each, 30c.

Comtesse de Serenge, flesh color, large, full, and finely shaped; one of the best of the newer sorts; a good autumn bloomer. Each, 35c.

Coup de Hebe, deep pink, moderately large, cup-shaped flowers; a fine rose. Each, 30c.

Coquette des Blanches, one of the finest, freest and most beautiful of the white hybrids. Suitable for cemetery planting. Each, 30c.

Duke of Edinburgh, brilliant scarlet crimson, shaded with maroon, large and full; one of the best. Each, 30c.

Dinsmore, this new rose bloomed profusely last summer, although the season was very unfavorable; certainly a nearer approach to a perpetual bloomer than ever has been introduced to the public; large double, bright scarlet color, very fragrant. Each, 30c.

General Washington, rosy carmine, shaded scarlet, very brilliant and glossy; very double and good form. Each, 35c.

John Hopper, bright rose, with carmine centre; large and full; one of the best. Each, 30c.

HYBRID PERPETUAL ROSES (Continued)

General Jacqueminot, bright crimson, exceedingly rich and velvety. The buds and partially expanded flowers are very fine, and fairly glow with its deep, rich colouing. A vigorous grower and free bloomer. Each, 30c.

Louis Van Houtte, crimson maroon, full globular form, free blooming; very fine. Each, 30c.

Marie Baumann, bright carmine, flower very large and fine; one of the finest roses grown. Each, 30c.

Magna Charta, pink, suffused with carmine; one of the finest of its color; magnificent buds. Each, 30c.

Prince Camille de Rohan, crimson maroon; good habit; fine in bud. Each, 30c.

Mabel Morrison, of the purest white, and almost velvety in its finish. One bloom with its attendant foliage is a bouquet of beauty in itself. Each, 30c.

Meteor, color, deep glowing crimson; flower of medium size, very double; a free bloomer, promising well as a pot rose. Each, 35c.

Merveille de Lyon, pure white, shaded and washed with satiny rose; flowers very large, 4 to 5 inches in diameter, double, and of a beautiful cup-shape, growth vigorous; a superb variety. Each, 50c.

Madame Charles Wood, one of the very best; flowers very large and double, and are produced in great profusion; color, intense deep crimson, shaded scarlet. Each, 30c.

Madame Gabriel Luizzet, light silvery pink; a grand useful rose for exhibition. Each, 35c.

Mrs. John Laing, color, a soft delicate pink, with a satin tinge; the whole flower frequently shows a distinctly silver tinge. The flowers are large, finely shaped and exceedingly fragrant. A vigorous, strong grower, every shoot producing magnificent bloom. Flowers very early and is a remarkably profuse bloomer and very sweet. Splendid in pots or open ground. Each, 30c.

Queen of Queens (new), pink, with blush edges, large and full, of perfect form, and a true perpetual flowering rose, every shoot being crowned with a flower bud. A new style of flower among Hybrid Perpetual Roses, being a cross between a Hybrid Perpetual and the Maiden's Blush, distinct, and equally good as a garden and exhibition rose, and decidedly the finest rose of its color. Each, 50c.

Senator Vaisse, bright crimson, lightened with scarlet; extra fine. Each, 30c.

Souv. de Duchere, a superb rose, extra large, compact flowers, very full, double and sweet; color, beautiful brilliant scarlet, deepening to dark glowing crimson. Each, 30c.

Silver Queen (new), color, silvery blush, shaded in the centre, with very delicate rosy pink, very distinct and lovely; large, full, and produced in great abundance; every shoot being crowned with a flower bud; the growth vigorous, foliage handsome, a grand rose. Each, $1.00.

Victor Verdier, rich cherry rose, shaded carmine, very fine coloring, a popular variety. Each, 30c.

Vulcan, dark, rich, velvety crimson, changing to blackish purple; large fragrant flowers, very double and fine. Each, 30c.

PLEASE NOTE—These are mailing plants out of 2½ inch pots. Large plants can be supplied, if desired, but at higher Prices. Prices on application.

Carnations--Perpetual Flowering

The Carnation's home is wherever flowers are loved and seen throughout the civilized world, and it is most justly a universal favorite. Perhaps no garden flowers are more prized than these. Their sweet, spicy fragrance, abundant bloom, beautifully varied colors, commend them to all. If they are wanted for Summer bloom, pinch off first growth so they will branch well from the base. If a portion are desired for Winter bloom, keep the leaders stopped until August 1, after which, if allowed to grow, strong, bushy plants will be obtained full of bud and bloom, which can be lifted and potted any time before frost. A few especially fine varieties have been added to the list during the past season. They will be ready to send out about the middle of April.

Andalusia (New Golden Carnation). The flower is exquisitely fringed, of a beautiful light canary yellow color, with rich spicy fragrance. Each, 20c.

Buttercup, of a deep, rich golden yellow, like Marechal Niel Rose, with only a few clear streaks of carmine; flowers large and double. Price 15c.

Black Knight, a deep shade of crimson maroon that appears almost black. Flowers deliciously scented. Price 15c.

Charles J. Clarke, purest white; fringed edge, with stripes of purplish crimson Price 15 cents.

E. G. Hill, the finest scarlet yet introduced. Rich and deep. The flowers are 2 inches in diameter, beautifully fringed, the petals perfectly crimped. Price 20c.

Grace Wilder, one of the most beautiful colors; a soft shade of carmine pink. Dwarf, but robust grower. Very desirable. Price 20c.

Hinkle's White, flowers very large and of perfect shape; color white, with a delicate tint of pink; rich clove fragrance. A continuous bloomer. Price 20c.

King of Crimsons, dark crimson, very fine and fragrant, a gem for winter blooming. Price 15c.

Mrs. Carnegie, white ground, crimson scarlet flake; flowers very large, a vigorous grower and constant bloomer. Price 15c.

Mrs. Cleveland, a magnificent silvery-pink flower, with edges slightly serrated; flowers very full and well built up in the centre, of spicy fragrance. Price 20c.

President Garfield, vermilion red, very fine. Price 15c.

Perfie, Medium-sized, well-shaped flowers of intensely bright flaming scarlet, freely produced on a vigorous and healthy plant (new). Each, 15c.

Silver Spray, This is the best white Carnation ever offered, is a remarkably robust grower, attaining a height of only 14 or 15 inches, forming very bushy plants. A very free bloomer; flowers are large and perfectly formed, calyx never bursting; petals fringed; very fragrant and pure in color (new). Each, 20c.

Snowdon, a dwarf-growing variety, rarely attaining over one foot in height, flowers of the purest white and borne in profusion; fine for pot culture. Price 15c.

Sunrise, a grand one; color light buff, flaked with bright red; flowers large and of good shape; fragrant and free bloomer. Unsurpassed for pot culture. Price 20c.

Wm. Swayne, early, continuous bloomer; flowers very large and fragrant; one of the finest white Carnations offered (new). Price 30c.

The above choice collection of 16 selected varieties for $2.25. Or six of our own selection for $1.00.

CARNATION.

HYDRANGEA PANICULATA GRANDIFLORA

We believe this to be the most desirable hardy shrub in cultivation; it is very striking and elegant, recently introduced from Japan, suitable for lawns. The flowers are pure white, afterwards changing to pink, and are borne in immense pyramidal trusses, more than a foot long and nearly as much in diameter. It blooms in midsummer and remains in bloom two or three months. Price 40c.

SMALL BEDDING PLANTS

(All these by express at purchasers' expense.)

ECHEVERIA

These make handsome plants for edgings, borders, or for carpet bedding, also do exceedingly well as a pot plant. We offer strong plants at 10c. each; $1.00 per doz.

PANSIES

During spring we offer plants of our selected European and American strains for shipment by express only. They will not carry well by mail. Per doz., 75c.; per 100, $5.00.

PHLOX (Annual)

Choice assorted plants, per dozen, 25 cents.

VERBENAS

Strong grown plants, from our unrivalled strain. Per doz., $1.

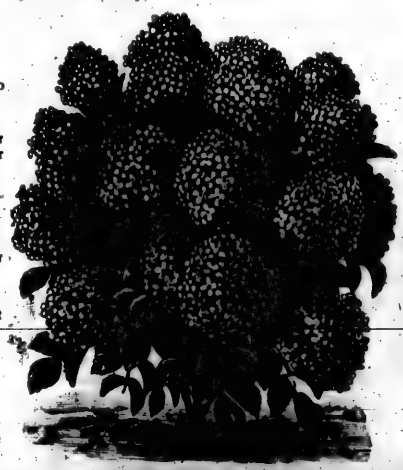
PETUNIAS

Choicest single. Per box of 12 plants, 20c. Choicest double, in pots. Per doz., $1.50; each, 15c.

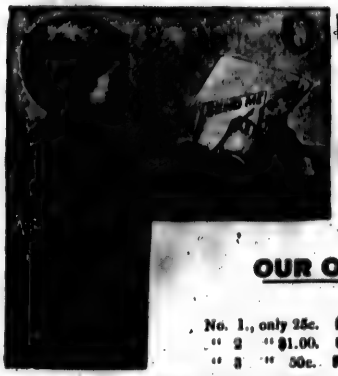
ECHEVERIA

VASE AND BASKET PLANTS

Of these we grow large quantities, suitable for urns, baskets and vases. We have a fine collection, including the favorite varieties generally used for this purpose. Each, 10c.



HYDRANGEA GRANDIFLORA



OUR CHILDREN'S GARDEN.

The pleasures of gardening are acknowledged by the wisest to be the most healthful cheerful and inspiring of all that occupy the hand and mind of man; how better then in the pleasant months of Spring and Summer can the children be entertained during their leisure hours than by a flower bed or small garden plot in the home garden, which shall bud, bloom and ripen under their own hands? We have for this purpose collected on this page a few varieties which we think especially adapted for their use. Our customers must not overlook (when noting the few kinds named below) the fact that nearly the entire list in our book are as useful for the children as for the experienced Market Gardener or the suburban home. Stamps will be accepted for any orders; do not wet them or tear them apart if in sheets.

All our flower seeds are put up in colored lithographed bags, on which is a good picture of the variety, with full directions for sowing and cultivating the same.

OUR COLLECTION FOR CHILDREN'S GARDENS

PLEASE ORDER BY NUMBER AS BELOW

No. 1., only 25c. **Flower Seeds**: Annuals, quick growing. Sorts easily cultivated.
" 2 " $1.00. **Summer Bulbs**: Dahlia, Lilies, Gladiolus, Canna, etc., etc.
" 3 " 50c. **Potatoes**: Nine distinct sorts, one of each, *as on page 60.*

AGRICULTURAL and HORTICULTURAL BOOKS

ALL BOOKS SENT POSTPAID ON RECEIPT OF PRICE

An Egg Farm, (Stoddard.) On the Management of Poultry, Paper ..... $ 50
Asparagus Culture, (Barnes' and Robinson's) 50
Barry's Fruit Garden, new edition 2 50
Cabbage, Treatise on. By J. J. H. Gregory 30
Cauliflowers, and How to Grow them. (Brill) 25
Every Woman Her Own Flower Gardener. A handy manual of flower gardening for ladies 1 00
Farming for Boys 1 25
Fertilizers, a New Edition, where to get formulas for various crops, how to apply. J. J. H. Gregory 40
Fuller's Grape Culturist 1 50
Fuller's Small Fruit Culturist 1 75
Gardening for Pleasure. Henderson 2 00
Gardening for Profit. Henderson's New Edition. Entirely rewritten and greatly enlarged, containing very valuable information in regard to market gardening; cloth 2 00
Gardening for Young and Old. J. Harris 1 25
Hand Book of Plants, Henderson's 3 00
Harris on the Pig 1 50
Hop Culture 75
How the Farm Pays. A very instructive book 2 50
Homes for Home Builders 1 50
House Plans for Everybody 1 50
How Grape Grew. Prof. S. W. Johnso 2 00
How Grape Fed. Prof. S. W. Johnson 2 00
Keeping one Cow 1 00
Lawn Planting 30
Mangolds, Treatise on, by J. J. H. Gregory 30
Money in the Garden, by P. T. Quinn 1 50
Money in Potatoes, paper 50
New American Farm Book. By L. F. Allen. New and Enlarged Edition 2 50
Onions. How to raise them profitably. (Gregory) 30
Our Farm of Four Acres 35
Poultry, Raising and Management of 50
Practical Floriculture 1 50
Practical Forestry, by A. S. Fuller, Illustrated 1 50
Practical Poultry Keeper (Johnson) 50
Practical Pigeon Keeper (Wright) 1 50
Rarey's & Knowlson's Complete Horse Tamer 60
Roe's Play and Profit in my Garden 1 75
Parsons on the Rose 1 00
Strawberry Culturist, (Fuller's) 30
Squashes, Treatise on, by J. J. H. Gregory 30
Success in Market Gardening, (Rawson's) 1 00
Tim Bunker's Papers. A grand book for farmers 1 50
Talks on Manures, by Joseph Harris; new and revised edition, cloth 1 75
Ten Acres Enough 1 00
The Dog. Its varieties and management 60
Tobacco Culture (by Fourteen Experienced Cultivators) 35
Thomas' Farm Implements and Machinery. New 1 50
Wheat Culture (Curtis), paper 50
Winter Greenories, At Home (Johnson) 1 00

-- TREE AND HEDGE SEEDS --

CULTURE.—In this latitude the seeds should be sown thinly, as early in the Spring as the ground can be worked, in beds of fine sandy loam three feet wide; then draw the soil from the centre of the bed to a uniform depth of two inches. Sow the seed moderately thick and draw back the soil and evenly cover the seed to a depth of about two inches. Keep the beds free from weeds, and when the seeds begin to germinate, lightly cover the beds with pine boughs to shade the young plants from the sun. When all are up the boughs should be gradually removed in order to harden off the young plants, and during the first winter cover the beds with pine boughs to protect them from snow and the sun. Let the plants remain in the beds from two to three years and then transplant into rows 2½ feet apart, leaving 6 to 9 inches between each plant. Sow **Hedge Seeds** in drills two feet apart, and when two years old transplant into rows 2½ feet apart and 9 to 12 inches between each plant. Hoe frequently and keep free of weeds, and when 2 feet high transplant to where you want them to remain.

EVERGREEN TREE SEEDS—	PER OZ.	PER LB.
Norway Spruce	10c.	$1.00
Austrian Pine	20c.	2.00
Scotch Pine	20c.	2.00
Arbor Vitæ	50c.	6.00

DECIDUOUS TREE SEEDS—	PER OZ.	PER LB.
Ash Leaf Maple	10c.	$1.00
Soft " "	20c.	1.50
Sugar " "	20c.	1.50
White Am. Birch	25c.	2.50
Hardy Catalpa	10c.	1.00
Russian Mulberry	35c.	4.00

HEDGE SEEDS—	PER OZ.	PER LB.
Honey Locust	10c.	$0.60
Buckthorn	20c.	2.50
Osage Orange	10c.	1.00
Barberry	20c.	2.50

WHAT LEADING MARKET GARDENERS SAY OF US AND OUR SEEDS

TORONTO TESTIMONIALS

"I make a specialty of growing cauliflower and celery, for the Toronto Market, and for the past 12 years I have got my seeds from you and they have proved satisfactory." J. W. Sluter, Bracondale.

"I am perfectly satisfied with all the seeds I have had from you, and I have dealt with you now for 9 years." Fred Laughton, Brocton, Ont.

"I have dealt with you now for 12 years, and am perfectly satisfied with everything I ever bought—my carrots, parsnips and celery this year being all I could wish." James Allen, Mimico.

"For the last 10 years I have had my seeds from your firm and have always found them satisfactory." Joseph Rush, Market Gardener, Toronto.

"We grow for the Toronto market, and where competition is so fierce, we must have the best and purest of seeds, and these we have always got from you. Barton Bros., Toronto Market and Weston, Ont.

"We are growers for the Toronto market. The seeds we have bought from you for the last 12 years have given the very best satisfaction." Grainger Bros., Toronto Market and Deer Park, Ont.

GENERAL VEGETABLE SEEDS LIST OF

CROP OF 1890

OF SUPERIOR QUALITY FOR FAMILY AND MARKET USE

OUR AIM

It is our constant aim to make **highest quality a first consideration**, and then to make our **prices as low as good honest seeds can be sold. Our prices, therefore,** will, in all cases, be found as low as those of any other **reliable house** for seeds of the highest standard of excellence. **Our determination to grow and distribute nothing but the very best seeds that it is possible to produce,** has increased our business to its present **large proportions,** and gained for us the largest trade enjoyed by any house in **Canada,** with critical market gardeners and experienced planters, who appreciate the highest quality rather than the lowest prices.

SEEDS POST-PAID BY MAIL.—Our prices in the following list include pre-payment of postage on all seeds ordered by the packet, ounce, quarter-pound. Thus, you have only to send us the Catalogue Price, and we guarantee safe delivery by mail, postage pre-paid. To all seed quoted by the pound, such as peas, beans, corn, etc., add 4 cents per pound, for postage.

LIBERAL PREMIUMS

On all orders for seeds in packet, the purchaser may select **15c. worth extra for each $1.00 sent us.** Thus, any one sending us **$1.00,** can select seeds in packets amounting to **$1.15;** for **$2.00,** seeds in packets to the value of **$2.30;** for **$3.00,** to the value of **$3.60,** $4.00 to **$4.60,** $5.00 to **$6.00.** Please tell your friends of our liberal offers. This discount applies only to seeds in packets.

Postage Stamps accepted the same as Cash. - - **Please Read "Terms and Conditions of Sale," on Page 2.**

ASPARAGUS

German, *Spargel*; French, *Asperge*—Sow 1 oz. for 60 ft. of drill.

Sow in March or April, in rows one foot apart, and keep clean by frequent hoeing. When two years old transplant into permanent beds, which should be well and deeply manured and trenched to the depth of two feet. Set the plants (in rows) from three to four feet apart, and two feet in the rows, spreading out the roots, and covering from six to eight inches. On the approach of winter, cover with manure or compost; fork the beds early in spring, and apply a dressing of salt. Cut for use the second year; after planting in permanent bed.

ASPARAGUS

Palmetto (new), said to be much earlier, yielding better, more even and regular in its growth than any other variety, and equally well adapted for planting north or south. Per lb., $2.50; ¼ lb., $1.00; 2 oz., 55c.; oz., 30c.; per pkt., 10c.

Colossal, now the standard variety. The shoots are of the largest size, very productive and of the best quality. Per pkt., 5c.; per oz., 10c.; 2 oz., 15c.; per ¼ lb., 20c.; per lb., 60c.

ASPARAGUS ROOTS (Post-paid)

Colossal, fine 2-year-old roots at $2.00 per 100; 50 roots at 100 rate.

ARTICHOKE (Globe)

German, *Artischoke*; French, *Artichaut*.

Sow in April in rich soil, and transplant the following spring to permanent beds, (in rows or hills) three feet apart and two feet between the plants. They only give a partial crop the first season, but the beds will remain in bearing for years. Protect in winter by a covering of leaves or coarse manure.

Large Globe, grown for the unripe flower heads, which are highly esteemed by epicures. 10 cents per pkt.; 20 cts. per oz.

ARTICHOKE (Jerusalem)

Grown exclusively for its tubers, which somewhat resemble potatoes, and are cultivated in a similar manner, only that the rows should be at least four feet apart when grown in strong soils. It is enormously productive, producing 1,000 bushels per acre. It is used mostly in feeding sheep and hogs. In some parts of the Southern States the tops are cut and dried as hay.

Artichoke, Jerusalem, strong tubers, 25c. per lb., post-paid; $1.00 per peck; $3.00 per bushel.

JERUSALEM ARTICHOKE

BRUSSELS SPROUTS

German, *Kopfkohl Gruner*; French, *Chou de Bruxelles*.

This is one of the best vegetables for winter use, producing from the axils of the leaves an abundance of sprouts resembling small cabbages, of excellent mild flower. It has never come into general use in this country, probably owing to its being too tender to stand our winters; still, by sowing in April or May, and planting out in July, it may be had in fine condition until December.

Brussels Sprouts, Dwarf Improved, produces compact sprouts or heads of excellent quality. Per ¼ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

BRUSSELS SPROUTS

BROCOLI

French, *Brocoli*; German, *Spargel Kohl*.

Sow end of April, in the open ground, then transplant about two feet apart in deep, rich ground. They produce heads similar to cauliflower. When they begin to flower, break the large leaves over the heads to protect them from the sun.

Brocoli, Walcheren White, large, firm, white heads, very hardy, endure cold, and withstand heat and drought well. Per ¼ lb., $1.50; 2 oz., 85c.; 1 oz., 50c.; pkt., 10c.

BORECOLE OR KALE

French, *Chou Vert*; German, *Grune Kohl*.

May be grown in almost any soil, but the richer it is, the more abundant the product. Sow from the middle of April to the beginning of May, in prepared beds, covering the seed thinly and evenly; transplant in June, and treat in the same manner as for cabbage. Of all the cabbage tribe this is the most tender and delicate, and would be much more extensively grown than it is, if the excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.

Borecole, Green Curled Scotch, grows to a height of 18 or 20 inches, and with good cultivation spreads to three feet diameter; leaves bright green and beautifully curled. Per ¼ lb., 40c.; 2 oz., 25c.; 1 oz., 15c.; pkt., 5c.

BEANS—DWARF OR BUSH

Fr., Haricot nains; Gr., Busch Bohnen.—Plant in light, rich soil, in drills, 2 feet apart; drop the seeds 3 inches apart and cover with soil 2 inches. If planted in hills, these may be made about 2 feet apart, allowing about 6 to 10 plants to each hill, according to the vigor of growth of the variety. Sow every two weeks for succession. One quart will plant a drill 100 feet longer about 200 hills; 2 bushels to the acre, in drills.

HENDERSON'S NEW BUSH LIMA-BEAN

[illegible] of [illegible] not require poles. They produce [illegible] of delicious lima beans, which can [illegible] easily gathered as the common garden bush [illegible]. This variety is at least two weeks earlier than any of the climbing limas. This alone makes it of great value either for home or market garden culture. Price, per pkt., 25c.; per ¼ lb., 65c.; per 1 lb., $1; per 2 lb., $1.50.

BEAN, KUMERLE'S DWARF LIMA

A novelty of great merit. Originated near Newark, New Jersey. Grows 2 feet high, branching out in all directions; is very productive, and especially desirable in small gardens, as it does not require any poles. Plant in rows 2 feet apart and 1 foot in the row; one plant only should be allowed to grow in a hill. Per pkt. 25 seeds, 15c.

YOSEMITE MAMMOTH WAX BEAN

The above name was suggested for this splendid new Bean on account of its enormous size. The pods, as shown in the plate, frequently attain a length of 8 or 10 inches, with the thickness of a man's finger. The pods are nearly all solid pulp, the seeds being very small when the pods are fit for use. They are a rich golden color, and are absolutely stringless, cooking tender and delicious. This is the coming Wax Bean for family or market purposes. It is enormously productive, as many as 50 of its monster pods having been counted on one bush. Price 15 cents per pkt; per lb., 50c.

GREEN POD SORTS

California Pea, early, productive, and desirable as a baking bean. Small, nearly round; cream color. Per pk., 60c.; 5 lbs., 40c.; 1 lb., 10c.; pkt., 5c.

Early Golden; very early, and of fine quality; seeds white, spotted with purplish red. Per bush., $5.40; pk., $1.50; 5 lbs., 60c.; 1 lb., 15c.; pkt., 5c.

Early Mohawk, excellent string bean. Per bush., $5.40; pk., $1.50; 5 lbs., 60c.; 1 lb., 15c.; pkt., 5c.

Improved Early Red Valentine, fine flavor; remains long in the green state. Per bush., $5.40; pk., $1.50; 5 lbs., 60c.; 1 lb., 15c.; pkt., 5c.

Long Yellow Six Weeks, one of the earliest. Per bush., $5.40; pk., $1.50; 5 lbs., 60c.; 1 lb., 15c., pkt., 5c.

Large White Marrow, or Mountain.—A white bean. One of the most productive beans grown in the garden or field; per pk., $1.00; 5 lbs., 60c.; 1 lb, 10c.; pkt., 5c.

Royal Dwarf Kidney, one of the best late kinds; for winter use has no superior. Beans white. Per bush., $4.80; pk., $1.25; 5 lbs., 60c.; 1 lb., 15c.; pkt., 5c.

Improved Large Refugee, both the pods and seeds are larger than the old Refugee variety, and it is also a better yielder. Seeds when ripe, purple speckled with white. Per bush., $5.40; peck, $1.50; 5 lbs., 60c.; 1 lb., 15c.; pkt., 5c.

WAX POD VARIETIES

Wardwell's Dwarf Kidney Wax, very hardy, both pod and plants are robust. It produces a heavy crop of pretty Wax pods, are very long, flat, showy, and not liable to rust or blister. Per bush., $7.20; pk., $2.00; 5 lbs., 50c.; 1 lb., 20c.; pkt., 5c.

Black Eyed Wax, introduced only three years ago this valuable variety has already made a most favorable impression. A cross between the Black Wax and the Golden Wax, and in our trials we found it to be the earliest Wax variety in cultivation. It is a robust grower, very productive, very tender, and of exceptionally fine flavor. Per bush., $7.20; pk., $2.00; 5 lbs., 50c.; 1 lb., 20c.; pkt., 5c.

White Wax, pods of fair size, rich and tender flavor; in color waxy-white, and almost as transparent as glass. An excellent variety for canning purposes. Per bu., $7.20; pk., $2.00; 5 lbs., 70c.; 1 lb., 15c.; pkt., 5c.

Black Wax, a popular variety; the pods are a waxy-yellow, solid, tender, and almost transparent; stringless. Seeds when ripe, jet black. Per bu., $6.00; pk., $1.75; 5 lbs., 70c.; 1 lb., 15c.; pkt., 5c.

Giant Dwarf Wax, new, early, stringless; pods large, beautiful, rich, creamy white color; very prolific, and a great favorite with market gardeners. Per bu., $9.00; pk., $2.50; 5 lbs., $1; 1 lb., 30c.; pkt., 5c.

Golden Wax, one of the best dwarf beans known; very early; pods large, long, brittle, entirely stringless, and of a beautiful, rich golden wax color. Per bu., $6.00; pk., $1.75; 5 lbs., 70c; 1 lb., 15c.; pkt., 5c.

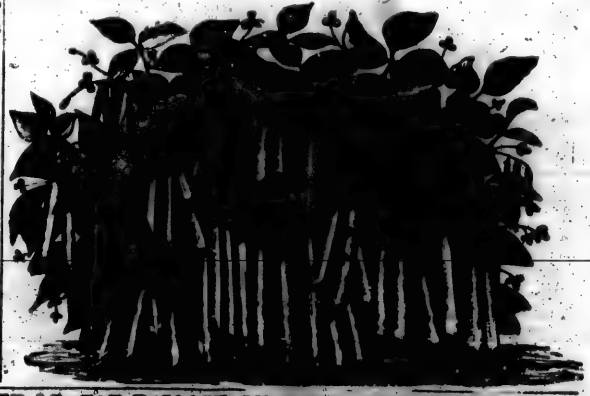
White Seeded Wax, the color of the seeds being *white*; it is by some preferred to the preceding for cooking. Per bu., $7.20; pk., $2; 5 lbs., 70c.; 1 lb., 15c.; pkt., 5c.

BEANS ENGLISH OR BROAD

Broad Windsor, this class is very hardy, and should be planted as soon as the soil is in good state in the spring. Plant 4 inches apart and 2 inches deep, in drills 4 feet apart; To insure well-filled pods, pinch of the tops, as soon as pods begin to set. Per pkt., 5c.; lb., 20c.; per 4 lb., 60c.; peck, $2.00.

OUR NEW CYLINDER IVORY POD WAX BEAN

This is without doubt the most productive and handsome of all Wax Beans yet known. The vines are of strong rapid growth and of a somewhat spreading habit, forming a large number of short side shoots which are a complete mass of blossoms and pods from the ground to the top. The pods are long, perfectly round, and entirely stringless; when young being all solid pulp, of Ivory White color in the shade, varying to a delicate light golden yellow in the sun. **It is perfectly free from rust or spots,** keeping bright and crisp long after being picked and of exceptionally fine flavor. Unlike other wax sorts the pods obtain the wax-like color soon after they are formed. Price per pkt., 10c.; per lb., 40c.; 5 lbs., $1.50.



DO NOT FORGET TO REMIT 4c. PER LB., FOR POSTAGE, ON BEANS, PEAS AND CORN.

LAZY WIVES POLE BEAN

BEANS POLE OR RUNNING

Fr., *Haricots à rames*; Ger., *Stangenbohne*.—Less hardy than the Dwarfs, and are not usually planted so early. Plant in hills 3 feet apart, with a stake or pole to run up on.

LAZY WIVES POLE BEAN.—This variety originated in Bush's county, Pennsylvania, where, for a number of years, it has been the most popular Pole Bean grown. Pods are wonderfully broad, thick, fleshy, and, above all, *entirely* stringless. In these respects they surpass any other we know of. Then, again, the pods retain their rich, stringless and tender qualities until they are almost ripe. They also surpass every other variety in the way vines cling to the pole, the vines being covered all Summer with masses of beautiful pods it is just the sort to suit lazy wives, as a mess can soon be picked for dinner. Pods are from 4 to 6 inches long, exceedingly rich, buttery, and fine flavored when cooked. They are hardy, easily grown, and enormously productive. Per lb., 25c.; per pkt., 10c.

Asparagus or Yard Long, produces pods from 9 to 12 inches long; very tender and delicious. Per 5 lbs., $2.25; per lb., 50c.; pkt., 10c.

Dutch Case Knife, a very productive variety, and one of the earliest. Per peck, $2.50; 5 lbs., $1.00; 1 lb., 20c.; pkt., 5c.

Red Speckled or Cut Short, an excellent Bean, very productive, and bound to prove satisfactory. Per pk., $2.00; 5 lbs., $1.00; 1 lb., 30c.; pkt., 5c.

Indian Chief, yellow pods, very tender and sweet; thick and fleshy. Per pk., $2.00; 5 lbs., 80c.; 1 lb., 25c.; pkt., 5c.

Giant Wax or Butter, one of the most valuable varieties for either private or market garden purposes. It is earlier than either the Black or Golden Wax sorts, and has a peculiar value in the fact that it is always exempt from rust. The pods are of very large size, exceedingly succulent and tender, and enormously productive. Per 15 lbs., $3.00; 5 lbs., $1.25; 1 lb., 30c.; pkt., 5c.

Large White Lima, a large late variety, with long broad, very thin, dark green pods; although late, it is esteemed as one of the very best. Per peck, $3.00; 5 lbs., $1.20; 1 lb., 25c.; pkt., 5c.

Scarlet Runners, this variety grows from 10 to 12 feet high; foliage green, and flowers brilliant scarlet; fine for covering arbors, at the same time yielding a supply of wholesome and nutritious food. Per 15 lbs., $2.50; 5 lbs., $1.00; 1 lb., 20c.; pkt., 5c.

BEET

Fr., *Betterave*; Ger., *Runkel Rübe*. Sow as early in spring as the ground can be worked, in light, well manured soil, in drills twelve inches apart, covering the seeds one inch deep and pressing the soil firmly over them. Thin out four inches apart for table beets; cultivate frequently. One ounce of seed will sow 100 feet; four to six pounds are required for an acre.

I would be doing you an injustice if I did not express my entire satisfaction, as result of using your seeds, they were astonishing. The pumpkin and squash were the finest ever seen here. You will always have our orders. JAS. W. HUDSON, Chatham.

Lentz's Extra Early Blood Turnip. We recommend this as containing all the valuable essential of an early beet. It is fully as early as the Egyptian, but larger and of better quality, of fine, dark red color, tender and sweet at all times, whether old or young. It has a very small top, and will produce a crop in *six weeks from time of planting* the seed. It is very productive and a perfect keeper. Per lb., $1.00; ½ lb., 30c.; oz., 10.; pkt., 5c.

Edmund's Early Turnip. This is a handsome Red Turnip Beet, grown quite largely around Boston. Root smooth and foliage very small. Per lb., $1.00; ½ lb., 20c.; oz., 10c.; pkt., 5c.

Early Eclipse, larger than the Egyptian, nearly as early, of much finer quality, globe shaped, dark crimson color; it is excelled by none. Per lb., 80c.; ½ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt 5c.

Early Dark Red Flat Egyptian, the earliest dark red beet in cultivation; its color fine dark red, shape, that of an early flat white turnip; never fails to give satisfaction. Per lb., 75c.; ½ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Early Blood Turnip, good for Summer or Winter, flesh dark red color, a standard round variety, with small top, very tender. Per lb., 65c.; ½ lb., 25.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Bassano Flat Red, very early, tender and sweet, rose color, grows to a good size. Per lb., 65c.; ½ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt. 5c.

Dennings Half Long Short Top, the best for family use, tender, sweet, not requiring to be cut in two for boiling, leaf greenish shade. 10 to 12 inches. Per lb., 65c.; ½ lb., 20c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Extra Long Smooth Deep Blood Red, most popular kind for general use. Per lb., 65c.; ½ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

French White Silesian Sugar, delicious for salad, very sweet, as the name implies. 10 lb. lots, 50c.; per lb., 25c.; ½ lb., 10c.; pkt., 5c.

Silver Beet, or Swiss Chard, a variety of beet with beautiful and tender leaves, which are used for "Spinach," the mid ribs are used as "Asparagus." Per lb., $1.00; ½ lb., 30c.; 2 oz., 20c.; 1 oz., 10c.; pkt., 5c.

CABBAGE

FR., *Chou Cabus;* GER., *Kopf Kohl.*—A deep, rich, loamy soil is most suitable for cabbages. New land is preferable, and should be deeply dug and heavily manured. A mixture of salt and ashes applied to the hill, when transplanting, is excellent for promoting growth and keeping down the maggot. For early use, a sowing should be made in a hot-bed in February or March, and hardened off by gradually exposing them to night air. For late crop, sow in a nursery bed, May or June, and transplant as soon as the plants are 5 or 6 inches high; thoroughly cultivate every week until the plants meet in the rows. There is no vegetable in which the character of the seed is of more importance than this. Good seed, deep, rich soil, plenty of manure, thorough cultivation. These are the cardinal points in raising a good crop of cabbage. One ounce of seed will raise about 2,000 plants. ☞ See remarks page 85, Nitrate of Soda.

OUR CABBAGE FAMILY

Filderkraut, like Winningstadt, with fewer outside leaves; a sure header, very solid and of excellent flavor. Per lb., $2.50; ½ lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 5c.

Premium Flat Dutch, a very fine strain of this standard variety, so largely grown for fall and winter use. Per lb., $2.50; ½ lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 5c.

Hartshead Mammoth Drumhead, the largest cabbage known. Heads have been grown that weighed 60 pounds. Per lb., $3.50; ½ lb., $1.00; 2 oz., 60c; 1 oz., 35c.; pkt., 5c.

Late Flat Dutch, heads large, round, solid, broad and flat on the top; a winter variety. Per lb., $1.50; ½ lb., 40c.; 2 oz., 25c.; 1 oz., 15c.; pkt., 5c.

Large Late Drumhead, a superior winter variety; heads large, tender and of good flavor. Per lb., $1.50; ½ lb., 40c.; 2 oz., 25c.; 1 oz., 15c.; pkt., 5c.

VANDERGAW CABBAGE

This, for a mid-summer and a late cabbage, is without a rival. For its seasons, we place it at the head of all others; experience has demonstrated that it is the best, surest, and most profitable variety grown. It is a medium late cabbage. Large green heads, hard, and of remarkable excellence; tender, crisp and delicious, and the most reliable header in existence. Ninety-five to ninety-eight prime, marketable heads out of a hundred is an average yield. Per ½ lb., $1.75; 2 oz., 90c.; 1 oz., 50c.; ¼ oz., 30c.; pkt., 10c.

HENDERSON'S SUCCESSION

Henderson's Succession, follows ten days after Early Summer, forming more solid heads, while it can be planted nearly as close. Per lb., $3.50; ½ lb., $1.60; 2 oz., 60c.; 1 oz., 35.; pkt., 5c.

St. Denis Large Drumhead, head large, round, and a little flattened, solid and of good quality. Per lb., $2.00; ½ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

Quintal Drumhead, largest of late sorts, solid and of good flavor. Per lb., $2.00; ½ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

Deep Red, Extra Early, heads small, nearly round, very hardy, and of exceedingly deep red color. Per lb., $2.00; ½ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 10c.

Early Jersey Wakefield, one of the earliest, pyramidal-shaped heads, medium size, solid. Per lb., $2.50; ½ lb., 75c.; 2 oz.; 40c.; 1 oz., 25c.; pkt., 5c.

Early Dwarf York, one of the most popular early varieties, heads small, roundish ovoid, firm and tender. Per lb., $1.50; ½ lb., 40c.; 2 oz., 25c.; 1 oz., 15c.; pkt., 5c.

Early Winningstadt, one of the best cabbages for general use. Heads regularly conical, solid and of excellent flavor. Per lb., $1.50; ½ lb., 40c.; 2 oz., 25c.; 1 oz., 15c.; pkt., 5c.

Early Sugar-Loaf, a conical shaped head, a favorite with many. Per lb., $2.00; ½ lb., 60c., 2 oz., 35c.; 1 oz., 20c., pkt., 5c.

Extra Early Etampes, the earliest grown, small compact heads of excellent quality. Per lb., $2.50; ½ lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 5c.

Early French Ox Heart, heart-shaped, second early; it grows low on the stump, heads freely. Per lb., $2.00; ½ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

All Seasons, a new and superior sure-heading variety. May be planted early or late, as it forms very large and very solid heads quickly. Per lb., $3.50; ½ lb., $1.00; 2 oz., 60c.; 1 oz., 35c.; pkt., 5c.

Henderson's Early Summer, the earliest large variety; two weeks later than the Wakefield, a solid, handsome and compact growth. A favorite with gardeners, and valuable for family use. Per lb., $3.00; ½ lb., $1.00; 2 oz., 55c.; 1 oz., 30c; pkt., 5c.

Fottler's Improved Brunswick, a second early, late variety of superior quality. Per lb., $2.50; ½ lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 5c.

Red Drumhead, larger than the Red Dutch. Per lb., $2.00; ½ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

Improved American Savoy, the best of all the Savoys for general market or home use. Per lb., $2.00; ½ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

Drumhead Savoy, keeps well during winter. Per lb., $2.00; ½ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

Early Dwarf Ulm Savoy, one of the earliest and sweetest Savoys, Per lb., $2.00; ½ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

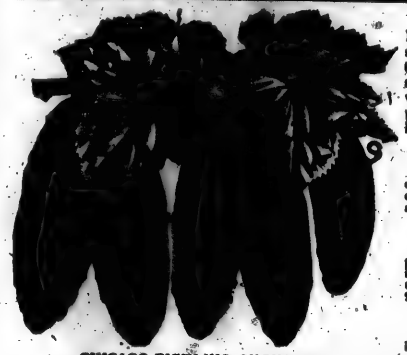
Green Globe Savoy, one of the best, very hardy and improved by frost. Per lb., $2.00; ½ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

THREE POINTERS.—1st. Procure good hardy seed. 2nd. Have your soil deep, rich and well drained. 3rd. Do not plant your seeds before the ground and weather have become thoroughly warm.

CUCUMBER

Fr., *Concombre;* Ger., *Gurke.* For very early Cucumbers, sow the 1st of April, in a hot-bed, upon pieces of sod (grass side down), so that they can be readily transplanted to the open ground, in rich soil, when danger of frost is over; or protect by hand glasses.

In this latitude it is useless to plant in the open ground until nearly the 1st of June. Make rich hills of well-rotted manure, two feet in diameter, and plant a dozen or more seeds, covering half an inch deep. When all danger from insects is over, pull all but three or four of the strongest plants. They succeed best in a warm, moist, rich, loamy soil; continue planting at intervals for a succession. The Cucumber should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness. For pickles, plant from June until the middle of July. 1 oz. for 50 hills; 2 to 3 lbs. in hills for an acre.



CHICAGO PICKLING CUCUMBER

WESTERFIELD'S CHICAGO PICKLING

A variety which has but recently become known to the trade, and which has for some time past been controlled and exclusively used by the largest pickling houses of Chicago in the manufacture of their celebrated pickles. It is exceedingly prolific, bearing small, well-formed fruit, well covered with spines and of an unusually deep green color. Price, per lb., $1.00; ½ lb., 30c.; 2 oz., 20c.; 1 oz., 10c.; pkt., 5c.

EVERGREEN WHITE SPINE

A remarkably fine strain of Cucumber, which is especially recommended for market, table or pickling purposes, differing from the ordinary and popular White Spine in color; it retains a deep green color in all stages of its growth; produces extra long smooth shaped fruit; very prolific and very white in flesh, tender and crisp. Lovers of Cucumbers should try this new sort. Price, per lb., 60c.; ½ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

NICOL'S MEDIUM GREEN

As a pickling variety it will be found unequalled, and for early forcing purposes, or for slicing, there is no better; very productive, of medium size; almost straight and smooth; the color is dark green, and the flesh is tender and crisp. It is fast becoming a welcome addition to the cucumber family. Per lb., $1.00; ½ lb., 30c.; 1 oz., 10c.; pkt., 5c.

Boston Pickling, fruit short, early, cylindrical, uniform in size, but somewhat tapering at each end, bright green, productive, and one of the very best pickling varieties. Per lb., $1.00; ½ lb., 30c.; 2 oz., 20c.; 1 oz., 10c.; pkt., 5c.

Early Green Cluster, a short, very early variety. Per lb., $1.00; ½ lb., 30c.; 2 oz., 20c.; 1 oz., 10c.; pkt., 5c.

Early Frame, a good variety for pickling and table, of medium size. Per lb., 60c.; ½ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Early Arlington White Spine, fruit uniformly straight and handsome, light green, with a few white spines; flesh tender and of fine flavor; vines vigorous, fruiting early and abundantly. One of the best for table use, and largely used for pickling when small. Per lb., $1.00; ½ lb., 30c.; 2 oz., 20c.; 1 oz., 10c.; pkt., 5c.

Green Prolific, one of the best pickling sorts; seldom yielding cucumbers too large for pickling, and very productive. Per lb., $1.00; ½ lb., 30c.; 2 oz., 20c.; 1 oz., 10c.; pkt., 5c.

Long Green, a very fine long fruit of excellent quality. Per lb., 60c.; ½ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Short Green Gherkin, a very small prickly variety, used exclusively for pickling, for which purpose it should be gathered while young and tender. Per ½ lb., $1.00; 2 oz., 50c.; 1 oz., 30c.; pkt., 5c.

Giant Form (see Novelty List.)

Early Russian, very early, hardy and productive; small, growing in pairs. Per lb., $1.00; ½ lb., 30c.; 2 oz., 20c.; 1 oz., 10c.; pkt., 5c.

ENGLISH FRAME CUCUMBERS

These are grown in the green-house or in a hot-bed; very handsome, both in form and color; attain a length of from 20 to 30 inches. The following are the cream of the many popular sorts:

Blue Gown, a fine black-spined variety, from 18 to 24 inches long. Per pkt., 20c.

Carthill's Black Spine, very handsome fruit of moderate size, prolific. Per pkt., 20c.

Duke of Edinburgh, a fine white-spined variety, averaging over 30 inches in length. Per pkt., 20c.

Marquis of Lorne, a fine white-spined variety, of immense size and symmetrical form. Per pkt., 20c.

Empress of India (Reid's), a fine white-spined variety, growing from 18 to 24 inches, very uniform in shape, of excellent flavor, and remarkably productive. For exhibition purposes it stands unrivalled. Per pkt., 20c.

Carter's Model, said to be the handsomest Cucumber grown, perfect in outline, with scarcely any neck, and of fine flavor. Per pkt., 20c.

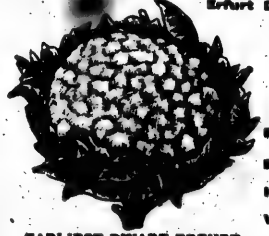
Bellison's Telegraph, very prolific, early, crisp, and of superior quality. Per pkt., 25c.

ENGLISH FRAME

CAULIFLOWER

Fr., *Choufleur;* Ger., *Blumen Kohl.* Sow in deep, rich soil, well cultivated. A mixture of lime and sulphur is a good preventative of maggot, and also promotes growth. The sowing and after-treatment is the same as for cabbage, except that it will not stand the drought so well, and requires liberal applications of water or liquid manure during the hot months. Of the many varieties cultivated, there are really only a few that will succeed well in Canada, and of these we pronounce the **Earliest Dwarf Erfurt** and **Early Snowball** undoubtedly the finest. Owing to the seeds of these sorts being very expensive, there is great temptation to use the cheaper sorts. We think it well, therefore, to caution our customers to use only the best—the crop tells. One ounce of seed to 1,000 plants (See remarks on NITRATE OF SODA, page 35.)

Erfurt Dwarf Early. (Selected.) Year after year this has become more popular, until leading market gardeners, in nearly every section of the Dominion, now grow it entirely, having discarded all the older varieties, as they find our strain of Erfurt to be the surest heading and altogether the most profitable sort for market gardens. On account of its dwarf and compact habit, the plants may be set out 20 to 22 inches each way, so that from twelve to fourteen thousand can be planted on an acre. For pickling it is the standard variety, the compact and solid texture of the snow-white heads, combined with delicious flavor, surpass all other sorts. Per ½ lb., $10.00; 2 oz., $5.50; 1 oz., $3.00; ½ oz., $1.75; pkt., 25c.



EARLIEST DWARF ERFURT

Early Snowball (*true*). Undoubtedly one of the best early sorts in cultivation. Its hardiness, sure-heading and compact growth makes it one of the finest for early forcing. Per ½ lb., $12.00; 2 oz., $6.50; 1 oz., $3.50; ½ oz., $2.00; pkt., 25c.

Extra Early Paris. Heads large, white, compact and solid, tender and delicious; leaves large, stalks short. Per ½ lb., $2.50; 2 oz., $1.50; 1 oz., 80c.; ½ oz., 60c.; pkt., 10c.

Half Early Paris or Demi Dur. A little later than Early Paris, heads large, white, solid. Per ½ lb., $2.50; 2 oz., $1.50; 1 oz., 80c.; ½ oz., 50c.; pkt., 10c.

Veitch's Autumn Giant. A valuable late variety and quite distinct; heads large, beautifully white, firm and compact. Being well protected by its heavy foliage, it remains for a long time fit for table use. To ensure their full development, the plants should be started and transplanted early in the season. Per ½ lb., $2.50; 2 oz., $1.50; 1 oz., 80c.; ½ oz., 40c.; pkt., 10c.

Walcheren. A very hardy variety: forms large heads when other varieties fail. Per ½ lb., $1.50; 2 oz., 85c.; 1 oz., 50c.; ½ oz., 30c.; pkt., 10c.

Lenormand's Large Short-Stemmed. This is without doubt one of the finest late varieties grown; heads large, white, well formed and compact of excellent quality. Per ½ lb., $2.50; 2 oz., $1.50; 1 oz., 80c.; ½ oz., 50c.; pkt., 10c.

CORN SALAD

Fr., *Mache;* Ger., *Ackersalat.* Sow the seed early in September, thickly, in shallow drills six inches apart, and protect through the winter with a slight covering of clean straw. It requires rich soil. Per lb., $2.00; ½ lb., 60c.; 2 oz., 30c.; 1 oz., 20c.; pkt., 5c.

CHICORY

Fr., *Cichorée;* Ger., *Cichorie.* Sow and treat in the same manner as carrots. Used to mix with, or as a substitute for coffee. The root is washed, cut in small pieces and carefully dried. When required, it is roasted and ground. One ounce will sow a bed four and one-half feet by thirty feet; four pounds to the acre. Large-rooted or coffee per lb., 60c.; ½ lb., 25c.; ¼ oz., 15c.; 1 oz., 10c.; pkt., 5c.

CURLED CHERVIL

Fr., *Cerfeuil;* Ger., *Koerbele.* Cultivated and used like Parsley; sow at any time in the spring, in shallow drills, one foot apart. Per oz., 20c.; pkt., 5c.

We have been famed for the superior excellence of our Cauliflower Seed, and we have pleasure in stating that we have this season secured a large stock from our French, Italian and German growers, and are in a position to execute all our customers' orders in full.

CORN

Fr., *Maïs.*; Ger., *Welschkorn.*—Sweet corn should not be planted until the weather becomes warm; always select a warm soil if possible, especially for the earlier varieties, as the difference in soil and exposure will often make considerable difference in maturity. Plant in hills three feet apart each way, five or six kernels to every hill, or in drills three feet apart and the plants thinned to one foot apart in the drill. The latter method will yield the heavier crop from a given surface. The soil should be well enriched with manure before planting, and, while the crop is growing. The hoe or cultivator has to be kept busy stirring the soil. One pound will make about one hundred hills; one peck an acre in hills. ☞ For field varieties see Agricultural Seeds. ☜

Livingston's New Gold Coin Sugar Corn, For description see Novelty pages.

N. B.—Special quotations made to canners and others requiring a large quantity.

A New Sugar Corn, The Honey Sweet

It is pronounced, by every person who has eaten it, the *sweetest of any* they have ever tasted. In growth and appearance it is unlike any other variety, the husks and stalks being of a deep red color during growth, while the corn itself is of a beautiful cream white, and having the *deepest grain and smallest cob* of any known variety. A most productive variety, growing vigorously and coming in as early as Moore's Concord. No market or private garden is complete without it. 15 lbs., $2.25; 5 lbs., 80c.; 1 lb., 25c.; ½ lb., 15c.; pkt., 10c.

Corn, Old Colony, a selection from the Evergreen type. The ears, when ready for market, can hardly be distinguished from the Evergreen, and are really ten days earlier, which is of great consideration to gardeners and canners. Per doz. ears, 60c.; 15 lbs., $2.25; 5 lbs., 80c.; 1 lb., 15c.; pkt., 5c.

Corn, Black Mexican, a rather short, black-grained variety of unusual sweetness. Per doz. ears, 50c., 15 lbs., $1.75; 5 lbs., 60c.; 1 lb., 15c.; pkt., 5c.

The Cory Corn, very early and sweet, similar to the Marblehead, but about one week earlier, and more suitable for market, being larger in the Ear. Per doz. ears, 60c.; 15 lbs., $1.75; 5 lbs., 60c.; 1 lb., 15c.; pkt., 5c.

Crosby Extra Early Sugar, an excellent early variety, ears rather short; rich, sugary flavor. Per doz. ears, 50c.; 15 lbs., $1.75; 5 lbs., 60c.; 1 lb., 15c.; pkt., 5c.

Early Adams or Darlington, a very early and good table variety, though not a sweet corn. An excellent early field variety. Per doz. ears 50c.; 15 lbs., $1.60; 5 lbs., 60c.; 1 lb., 15c.; pkt., 5c.

Early Marblehead, one of the earliest varieties grown; kernels plump and of very sweet-rich flavor. Per doz. ears, 50c.; 15 lbs, $1.50; 5 lbs, 60c.; 1 lb., 15c.; pkt., 5c.

Early Minnesota, very early; rather dwarf; ears fair size; excellent. Per doz. ears, 50c.; 15 lbs., $1.50; 5 lbs., 60c.; 1 lb., 15c.; pkt., 5c.

Egyptian Sweet, ears of large size, very productive, sweet, tender, and of delicious flavor. A superior market variety, and well adapted for canning purposes. Per doz. ears, 50c.; 15 lbs., $1.75; 5 lbs., 60c.; 1 lb., 15c.; pkt., 5c.

Mammoth Sweet, a late variety, and one of the largest grown; sweet, tender and delicious. A market sort. Per doz. ears, 60c.; 15 lbs., $1.75; 5 lbs., 60c.; 1 lb., 15c.; pkt., 5c.

Moore's Early Concord, of rich and delicious flavor, and an excellent intermediate variety. Per doz. ears, 50c.; 15 lbs., $1.75; 5 lbs., 60c.; 1 lb., 15c.; pkt., 5c.

Perry's Hybrid, a new extra early variety, with large ears, about twice the size of Minnesota; twelve rowed and of fine quality. Per doz. ears, 50c.; 15 lbs., $1.75; 5 lbs., 60c.; 1 lb., 15c.; pkt., 5c.

Mitchell's Extra Early (White Flint).—The earliest White Flint Corn grown; ears six to seven inches in length, well filled, and with a small cob. It is the only corn that will mature in Manitoba and Northern Ontario. Per doz. ears, 50c.; 15 lb., $1.75; per 5 lbs., 60c.; pkt., 5c.

Stowell's Evergreen Sweet, a late variety of the richest and sweetest flavor; Ears medium size, and remains longer in a green state than any other variety. Per doz. ears, 60c.; 15 lbs., $1.75; 5 lbs., 60c.; 1 lb., 15c.; pkt., 5c.

Tuscarora, preferred by many who object to the sugar varieties. Per doz. ears, 50c.; 15 lbs., $1.45; 5 lbs., 50c.; 1 lb., 15c.; pkt., 5c.

POP CORN

White, for parching (in ears). Per doz. ears, 25c.; 15 lbs., $1.25; 5 lbs., 45c.; 1 lb., 10c.; pkt., 5c.

Early Amber, a very early maturing variety of a clear amber color. 30c. lb.; pkt., 10c.

Single ears of any variety, 5c. each. Add 4c. to lb. prices for postage. Add 1c. per ear to price for postage.

WATER CRESS

Fr. *Cresson de Fontain*; Ger. *Brunnenkresse.* A well known plant, growing abundantly along the margins of running streams. It is easily introduced by planting along the margins of ponds and streams. Per ½ lb., $1.25; 2 oz., 75c.; 1 oz., 50c.; pkt., 10c.

CRESS, or PEPPER GRASS

Fr. *Cresson*; Ger., *Kresse.*—A well known pungent salad. Sow thickly at frequent intervals, to keep up a succession, and cover the seed lightly.

Cress, Extra Curled, very fine, and may be cut two or three times, leaves frilled and curled. Per lb., 50c.; ½ lb., 30c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.

Broad Leaved Cress, very large leaved variety, pungent and pleasant flavored. Some times used for soups. Per lb., 50c.; ½ lb., 30c.; 2 oz., 15c.; oz., 10c.; pkt., 5c.

Australian, leaves delicate green, mild and fine flavor. Per lb., $1.00; ½ lb., 60c.; 2 oz., 25c.; oz., 15c.; pkt., 5c.

Upland Cress. See novelty list.

NOTICE.—Our Corn Planters are listed amongst Tools in this Catalogue.

(GOLDEN, WHITE PLUME and ROSE CELERY)

White Walnut, of dwarf habit, seldom attaining a height of more than 20 inches, solid and heavy. Per ¼ lb., 60c.; 2 oz., 20c.; ½ oz., 30c.; pkt., 10c.

Boston Market, of low growth, white, crisp, solid. Per lb., $2.00; ½ lb., 60c.; 2 oz., 20c., 1 oz., 30c.; pkt., 5c.

Dwarf White French, a superior dwarf, large ribbed variety. Per lb., $2.00; ½ lb., $1.00; 2 oz., 45c.; 1 oz., 30c.; pkt., 5c.

CELERY

Fr. *Celeri*; Ger. *Sellerie*. To grow early Celery, sow the seed late in March, in a hot bed or box, and for later crops, in the open ground, as soon as weather becomes warm, cover lightly, or better still, roll or press it in. Shade the young plants for a week or ten days, and do not let the soil dry out. The tops may be shorn off once or twice before planting, so as to ensure "stocky" plants, which will suffer less on being transplanted. When from 4 to 6 inches high, transplant into broad, shallow trenches, or on the level ground, setting the dwarf sorts in rows 8 feet apart, and the tall varieties 4 feet apart, and 6 inches apart in the rows. The soil should be light, highly manured, partially shaded and moist, or near water, as the plants must be freely watered in dry weather, but should not be put directly on them. Earthing up checks growth and should not begin until quite well grown, then earth up gradually, keeping the leaf stalks close together so that the soil may not fall into the centre of the plant, but never earth up in wet weather, nor when dew is on them. That intended for winter and spring use needs little banking, when stored for winter it will naturally bleach beautifully white. One ounce will sow a bed of nine square yards, and will produce about 6,000 plants.

Henderson's Half-Dwarf, White, a fine, medium sized variety; when blanched is yellowish white; solid, and a rich nutty flavor. Per lb., $3.00; ½ lb., $1.00; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

London Red, one of the best of its color; those acquainted with it prefer it to any other sort. Per lb., $2.00; ½ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

Paris Golden Yellow, large, solid (true), a new variety, having all the qualities of the Dwarf White French, but is self-blanching to a remarkable extent, the outer ribs assuming a yellowish white appearance, with a rich golden yellow heart, of fine flavor and a good keeper. Per lb., $3.00; ½ lb., $1.50; 2 oz., 35c.; 1 oz., 50c.; pkt., 10c.

Henderson's Golden Dwarf, the heart is of a waxy golden yellow and a most attractive and showy variety; entirely solid, of excellent flavor, and one of the best keepers. Per ½ lb., $1.00; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

New Rose, of superior flavor and crispness; the heart and stems are beautifully shaded to a fine rose color; keeps better than the white sorts. Per lb., $3.00; ½ lb., $1.00; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

Dwarf, Self-Blanching, the heart is of a beautiful golden yellow color, very large, crisp and solid, keeping well all winter. It is entirely self-blanching, without any covering whatever. Per lb., $5.00; ½ lb., $1.50; 2 oz., 45c.; 1 oz., 50c; pkt., 10c.

Sandringham Dwarf White, one of the best white varieties in use. Per lb., $2.00; ½ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

White Plume, an excellent early variety; tender, crisp, of mild, pleasing flavor, but not a good keeper. Per lb., $3.00; ½ lb., $1.00; 2 oz., 60c.; 1 oz., 40c.; pkt., 5c.

White, Solid, a large growing variety. Per lb., $2.00; ½ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

Mixed Celery Seed, for seasoning (not for sowing.) Per lb., 50c.; ½ oz., 10c.

Celeriac, Large Smooth Prague, a variety of celery with turnip shaped roots, which are white-fleshed, comparatively tender, and have the flavor of celery-stalks. Per lb., $3.00; ½ lb., $1.00; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

CARROTS

Fr., *Carote*; Ger., *Möhre*. The carrot grows best in a light sandy loam, well manured and cultivated. Sow as early as the ground can be worked, in drills 12 inches apart for the small early sorts, large varieties 14 inches apart, and 6 inches apart in the rows. One ounce of seed will sow 150 feet of drill.

Chantenay Half-Long Scarlet (stump-rooted.) Similar to Scarlet Nantes, but stouter, larger, older and more productive. Per lb., $1.00; ½ lb., 30c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Danvers Orange, a fine intermediate variety, even in size, and shape; color, deep, rich orange red. Per lb., 80c.; ½ lb., 25c.; 2 oz. 15c.; 1 oz. 10c.; pkt. 5c.

Guerande, or Ox Heart (Stump-rooted.) At the shoulder from 3 to 4 inches in diameter; flesh bright orange, fine grained and sweet; very productive. Per lb., $1.00; ½ lb., 30c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

(GUERANDE or OX HEART)

Early Scarlet French Forcing Horn, very short and heavy; flesh deep orange yellow, fine grained, of superior flavor and delicacy. Per lb., $2.25; ½ lb., 40c.; 2 oz., 20c.; 1 oz., 10c.; pkt., 5c.

Early English Horn, similar to the preceding; roots a little larger, of excellent flavor and a good keeper. Per lb., 80c.; ½ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Half-Long Scarlet Stanton (stump-rooted.) Similar in shape to the Early Horn; color, bright scarlet; flesh reddish orange, becoming yellow in centre, but with no distinct core; fine grained and of the finest table quality. Per lb., 80c.; ½ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Long Scarlet Altringham, roots long, with top an inch or two above ground; of medium size; skin deep scarlet; flesh bright, crisp and of fine flavor; excellent for garden or field cultivation; requires deep cultivation. Per lb., 75c.; ½ lb., 25c.; 2 oz., 15c; 1 oz., 10c.; pkt., 5c.

Scarlet Intermediate (point rooted), size full medium; skin bright; flesh orange yellow, fine grained, well flavored, and when young is excellent for table use. Per lb., 80c.; ½ lb., 25c; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

DANDELION

Improved Large Leaved, a very early and healthful spring salad. Sow early in the spring in drills 18 inches apart, and thin out to 6 inches in the drills. Per 1 oz., 75c.; pkt. 10c.

PARIS GOLDEN YELLOW CELERY

EGG PLANT

EGG PLANT

Fr. *Aubergine*; Ger., *Eierpflanze*. Sow seeds in a hot-bed in March, in the same manner as tomatoes. As they are very susceptible to cold, they should not be transplanted to the open ground until the weather is quite warm. Set the plants two feet apart each way. One ounce of seed will produce 1,000 plants.

Egg Plant, Early Long Purple, one of the earliest; fruit long, dark rich purple, tender and excellent quality. Per oz., 50c.; pkt., 5c.

Improved New York Purple, very large, round or oval, excellent and productive, the best market variety. Per oz., 60c.; pkt., 10c.

GARLIC

Fr., *Ail*; Ger., *Knoblauch*. Used for flavoring soups, stews and other dishes. Garlic thrives best in a light, well enriched soil. Garlic bulbs should be planted in early spring, in rows one foot apart, and from one to five inches between the bulbs in the rows. Per lb., post-paid, 35c.; ½ lb., 15c.

ENDIVE

Fr., *Chicorée*; Ger., *Endivien*. It should not be sown before the middle of July, in the open ground, in drills half inch deep. When the plants are strong enough, transplant on a rainy day, in drills, to stand a foot apart each way; and as soon as the leaves are beginning to touch each other, tie them up over the heart of the plant to blanch.

Extra Green Curled, beautifully curled dark green leaves, which blanch white, crisp and tender. Per lb., $2.50; ½ lb., $1.00; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

Moss Curled, has the appearance of a tuft of moss, color, dark green; blanches beautifully. Per lb., $2.50; ½ lb., $1.00; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

GIANT CHIANTAN

LEEK

Fr., *Poireau*; Ger., *Lauch*.—Sow in April in the bottom of drills made eight inches deep, scatter the seed thinly and cover with soil half an inch. As the plants grow, gradually draw the earth into the drills and around the leeks, in order to blanch them and make them mild flavored. A deep rich soil is required to produce fine leeks. In October they will be ready for use, and until the ground closes up, may be drawn as desired for the table. 1 oz. to 150 feet of drill.

Leek, Broad Flag, a large and strong plant, with broad leaves growing only on two sides, like the Flag; per lb., $1.50; ¼ lb., 40c.; 2 oz., 25c.; 1 oz., 15c.; pkt. 5c.

Giant Carentan, an improved variety, with short, thick stems, seldom exceeding six inches in length, but is often three inches or more in diameter in well grown plants; very dark green leaves and quite hardy; per lb., $2.00; ¼ lb., 60c.; 2 oz., 35c.; 1 oz., 25c.; pkt., 5c.

KOHL RABI

Fr., *Chou Rave*; Ger., *Kohlrabi*.—For table use sow in June, and for stock feeding sow early in the season, as directed for cabbage, in order to give the whole season for growth; transplant into rows two feet apart and 15 inches in the rows. Cultivate like cabbage or swedes. The Kohl Rabi, when young, is tender and delicate, combining the flavor of both the cabbage and turnip. Cooked same as turnips. One ounce of seed will produce 2,000 plants.

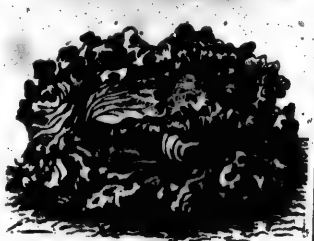
Early White Vienna, green top, white flesh, popular, handsome, good flavor. Per lb., $2.00; ¼ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

Early Purple Vienna, differs from the preceding only in color. Per lb., $2.00; ¼ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

KOHL RABI

LETTUCE

Fr., *Laitue*; Ger., *Lattich*.—The Lettuce is divided into two classes, viz.; Cabbage Lettuce and Cos Lettuce. The Cabbage have round heads and broad spreading leaves; the Cos varieties have long heads and upright oblong leaves. A very rich soil is necessary to produce fine head Lettuce. Its crisp and tender qualities depend very much on a luxuriant growth. The earliest sowing may be made in February or March, under glass with slight heat. Keep the plants thin, and admit plenty of air to the frames every fine day. For late supplies sow in the open ground as soon as the season will permit. Transplant or thin out the plants gradually to a foot apart, and keep well cultivated. One ounce of seed to 3,000 plants.



TORONTO GEM

Toronto Gem, the finest market variety to be found. Its beautiful yellowish-green color; crimped, curled and well-formed heads, tender quality and sweet flavor places it at the head of the list for the market gardener or for family use. It withstands the heat of summer, and retains its sweetness for a longer time than any other variety we know. Per lb., $2.00; ¼ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

Ohio Cabbage, Early Ohio is good either for spring or summer use; forms a large, solid head, of a beautiful light-green color. Is early and very pleasing to the sight. Very tender and of delicious flavor. Per lb., $2.00; ¼ lb., 60c.; 2 oz., 35c.; oz., 20c.; pkt. 5c.

Early Curled Silesian, early, loose heads, curled, tender and fine flavor. Per lb., $1.50; ¼ lb., 50c.; 2 oz., 30c.; 1 oz., 15c.; pkt., 5c.

Early Prize Head, an excellent variety for family use, forms a loose head of a dense mass of leaves, frilled at the edge and densely blistered; deep green color, tinged with red, crisp, tender and good flavored. Per lb., $1.50; ¼ lb., 50c.; 2 oz., 30c.; 1 oz., 15c.; pkt., 5c.

Malta Drumhead, large, crisp and tender, summer variety. Per lb., $2.50; ¼ lb., 60c.; 2 oz., 30c.; 1 oz., 15c.; pkt., 5c.

California Curled, does not form a large head, but the leaves have beautifully cut and curled edges, and might be called a fringed variety, of a delicate shade of green, inner leaves almost white, remains a long time tender and sweet, very ornamental. Per lb., $2.50; ¼ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

Early Curled Simpson, not a heading variety, but forms a compact, close mass of leaves. Per lb., $1.50; ¼ lb., 50c.; 2 oz., 30c.; 1 oz., 15c.; pkt., 5c.

COS VARIETIES

Lettuce, Paris White Cos, a very superior variety; tender and crisp; should be tied up in order to blanch before using. Per lb., $2.50; ¼ lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 5c.

EARLY HANSON

Early Hanson, heads very large, solid, tender, crisp; flavor fine; stan a summer heat well; one of the best sorts. Per lb., $1.50; ¼ lb., 50c.; 2 oz., 30c.; 1 oz., 15c.; pkt., 5c.

Nonpareil Cabbage, one of the best in cultivation; color beautiful light-yellowish green; heads well; very tender. Per lb., $2.00; ¼ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

Black Seeded Simpson, very handsome; forces well; is crisp and tender. Per lb., $2.00; ¼ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

Red Edge Victoria, crisp and tender; of a light pale green color tinged with red at the edges; one of the best for family use. Per lb., $1.50; ¼ lb., 50c.; 2 oz., 30c.; 1 oz., 15c.; pkt., 5c.

White Summer Cabbage, excellent; heads large, firm; close and well-formed. Per lb., $1.50; ¼ lb., 50c.; 2 oz., 30c.; 1 oz., 15c.; pkt., 5c.

MUSHROOM SPAWN

We this year issue a pamphlet of instructions for Mushroom culture, which will be sent free with all orders for spawn. To all others on receipt of 10 cents. The spawn we offer is specially made and imported twice each season, and is always fresh and in proper condition for planting.

Mushroom Spawn, English, per brick, 35c.
" " **French,** loose in boxes, 2 lb., $1.
Add postage, 5c. lb. or brick.

MARTYNIA

Fr., *Martynia*; Ger., *Gamsenhornen*.—The young pods are used to a considerable extent for pickling; they are produced in great abundance, and should be gathered when green and tender.
Sow in April or May, and the plants transplanted to 3 feet apart each way.

Martynia Proboscidea. Per ½ lb., $1.00; 2 oz., 50c.; 1 oz., 35c.; pkt., 5c.

MUSTARD

Fr., *Moutarde*; Ger., *Senf*.—A pungent salad, used sometimes with cress. Sow thickly in rows and cut when about two inches high; for use during winter, it may be sown at intervals in boxes, in the greenhouse or in a frame. For a crop of seeds sow in April, in drills a foot apart, and thin out moderately when about 3 inches high.

White English, best for salads. Per lb., 30c.; ½ lb., 15c.; 1 oz., 10c.; pkt., 5c.

NASTURTIUM OR INDIAN CRESS

Fr., *Capucine*; Ger., *Kapuzinerblum*. Sow early in spring, in good rich ground; train them to stakes; leaves and flowers are good in salads. The seeds, picked while green and pickled, form good substitute for capers.

Nasturtium, Tall, mixed colors. Per lb., $1.50; ½ lb., 40c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

Dwarf, mixed colors. Per lb., $2.00; ½ lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 5c.

OKRA OR GUMBO

Fr., *Gombo*; Ger., *Eisbeere*. Its long pods when young are used in soups, etc., very nutritious, of easy culture, grows freely, bears abundantly in garden soil. Sow at usual time of tender vegetables, in drills 2 ins. deep, setting plants 2 or 3 feet apart.

Lettuce Green, long ribbed pods. Per 1 lb., $1.50; ½ lb., 40c.; 2 oz., 25c.; 1 oz., 15c.; pkt., 5c.

MELON, MUSK

Fr., *Melon*; Ger., *Zucker-Melone*. A rich, warm, sandy soil is best for the Musk Melon. Plant the seed when the ground is dry and warm. Plant from six to twelve seeds in hills six feet apart each way, and when danger from bugs is past, thin to three vigorous plants in a hill. If manure is mixed in the hills at time of planting, see to it that it is old and well rotted. When the shoots are a foot long, pinch off the tips to make them branching, and to strengthen the vine. Thin out the fruit if it is excessive. The remaining melons will thereby increase in size and ripen earlier. Do not plant near pumpkins and squashes, as they hybridize. One ounce for 60 hills; 2 to 3 lbs. in hills for an acre. See our Fertilizers, page 56.

Emerald Gem Musk Melon.—Too much cannot be said of the quality of this prolific Melon. The vines are strong and well set with fruit, which ripens early. The rind is thin, of a green color, and the seed cavity small. Almost the entire fruit consists of rich, luscious flesh of a delicate salmon color. Per oz., 25c.; pkt., 10c.

Early Hackensack.—This is a selection of the popular Hackensack, but is a decided improvement, from the fact that they will produce melons almost equal the size, at least ten days earlier. In shape and color it is similar to the old Hackensack, the only difference being in its greater earliness, but this alone is sufficient to highly recommend it to all. Per oz., 25c.; pkt., 10c.

Osage.—The Osage has brought higher prices in Chicago, as well as many other Western markets, than any other Musk Melon, and is considered by many the most profitable market variety in cultivation. It is small, nearly round, green fleshed, finely netted of rich, luscious flavor, gains friends with both growers and consumers, wherever tried. Per oz., 30c.; pkt., 10c.

BANANA MELON—A yellow-fleshed musk-melon, entirely free from netting. The skin is a delicate straw color, the flesh quite thick, and blends from bright green to a rich salmon in color, making a fine and striking contrast. It grows from two to three feet. It is early, prolific, quality equal to the common musk-melon, and has a powerful and delicious fragrance. When ripe it resembles one of an over-grown banana. Oz., 25c.; pkt., 10c.

BANANA MELON

MANGO MELON OR VEGETABLE PEACH.—The Vegetable Peach is not only [illegible], and good for use in the same way as melons [illegible] forms an excellent substitute for peaches for making into pies, pudding, etc. The flavor after it is cooked [illegible] be distinguished from the peach. Will suit the Northwest, where fruit is scarce. Oz., 25c.; pkt., 10c.

Bag View, one of the largest musk melons in cultivation; very prolific; [illegible] green and sweet. Per lb., $1.00; ½ lb., 30c.; 2 oz., 25c.; 1 oz., 15c.; pkt., [illegible]

Osaka or Persian, large, pointed at the ends; fine flavor; green, thick fleshed. Per lb., $1.00; ½ lb., 35c.; 2 oz., 20c.; 1 oz., 15c.; pkt., 5c.

Early Green Nutmeg, green fleshed, highly scented, rich and sugary; skin green and finely netted. Per lb., $1.00; per ½ lb., 30c.; [illegible] 30c.; 1 oz., 15c.; pkt., 5c.

Improved Cantaloupe, a first-rate, early, large, round market [illegible] sweet and of good flavor. Per lb., $1.00; ½ lb., 30c.; 2 oz., 20c.; [illegible] 15c.; pkt., 5c.

Montreal Improved Nutmeg, a large melon, nearly round, deeply ribbed; flesh remarkably thick, light green, of delicious flavor. Per lb., $1.50; ½ lb., 60c.; 2 oz., 25c.; 1 oz., 15c.; pkt., 5c.

Shillman's Fine Netted, form, roundish oval; flesh, deep green, sweet and richly perfumed, an early and delicious variety. Per lb., $1.00; ½ lb., 35c.; 2 oz., 20c.; 1 oz., 15c.; pkt., 5c.

Olive Winter (See Novelties).

MONTREAL IMPROVED NUTMEG

MANGO MELON OR VEGETABLE PEACH

MELON, WATER

Fr., *Melon d'Eau*; Ger., *Wasser Melone*; Ital., *Melone d'Acqua*. In light soil, with a hot, sunny exposure, the Water Melon thrives best. Plant in hills eight to ten feet apart and [illegible] to two inches in diameter. To secure the largest fruit, have but one or two melons to a vine. One oz. for 30 hills; 4 to 5 lbs. to the acre.

Mammoth Honey.—This small, sweet, flavored Watermelon weighs from 10 to 15 lbs. each, and are almost round. Color of the skin is a medium dark green, while the flesh is of a brilliant red color, and absolutely stringless. The Melon has no hard core, and is of fine quality throughout, with a very thin rind. They ripen early; vines are very productive and strong growers. Per oz., 10c.; pkt., 10c.

Green and Gold.—A new variety with beautiful golden yellow flesh, free from any tinge of white. The rind is thin and the white ½ to ¾ inch in thickness. The flesh is opaque in appearance, very juicy, sweet and of delicious flavor. It forms a pretty contrast to the red-fleshed sorts. Per oz., 25c.; pkt., 15c.

Melon, Black Spanish, form oblong, size large, skin very dark or blackish green; flesh deep red, fine grained, very sugary and productive. Per lb., $1.00; ½ lb., 30c.; 2 oz., 20c.; 1 oz., 15c.; pkt., 5c.

Delmain Queen, the largest and finest variety grown; skin beautifully striped dark and light green; flesh is bright red, solid, luscious, crisp, sugary and unsurpassed in flavor; the rind is thin, vines strong, healthy and vigorous in growth. Per lb., $1.00; ½ lb., 30c.; 2 oz., 20c.; 1 oz., 15c.; pkt. 5c.

Ice Cream, of medium size, skin light mottled green; flesh, bright scarlet, solid, crisp, melting and exceedingly sweet. Per lb., $1.00; ½ lb., 30c.; 2 oz., 20c.; 1 oz., 15c.; pkt., 5c.

Professor's Early, flesh, deep red, of very superior quality; early and productive; a valuable market variety. Per lb., $1.50; ½ lb., 40c.; 2 oz., 25c.; 1 oz., 15c.; pkt., 5c.

The Boss, medium early; skin, black green in color; flesh, deep scarlet, very sweet; the rind is very thin and tough; very productive; considered by many to be the best table melon for family use. Per lb., $1.00; ½ lb., 30c.; 2 oz., 20c.; 1 oz., 15c.; pkt., 5c.

Mountain Sweet, early, solid, sweet and delicious; skin, green [illegible] variety, but a genuine favorite for home and market gardens. [illegible] lb., $1.50; ½ lb., 30c.; 2 oz., 25c.; 1 oz., 15c.

[illegible] kind for making preserves; grows uniformly round and smooth, striped and marbled, very light green; flesh [illegible] solid; seeds red. Per lb. $1.50; ½ lb., 40c.; 2 oz., 25c.; 1 oz., 15c.; pkt., 5c.

Seminole.—New.—In the illustration you will find a fair representation of the new Watermelon, "Seminole." It is extra early, enormously productive, extra large, and of most delicious flavor. It is of two distinct colors, gray and light green. The gray color predominates. Melons of both colors are found on the same vine. This is an entirely distinct and exceedingly delicious melon, and should be tested by all. Per oz., 40c.; ½ oz., 25c.; pkt., 15c.

CUBAN QUEEN

GITRON

ONION SETS

ONION SETS

[illegible] who plant by the bushel, will please correspond for prices.

White-Bottom Sets—By mail, postpaid, per lb., 30c.

Yellow-Bottom Sets—By mail, postpaid, per lb., 20c.

Sweet Potato Onions—By mail, postpaid, per lb., 20c.

Shallots—By mail, postpaid, per lb., 15c.

Perennial Onions—By mail, postpaid, per lb., 30c.

Perennial Onion Sets, these are for fall planting, very hardy, and a great favorite, producing green onions in the spring before any other variety. Orders booked during spring, and will be forwarded in time for planting in the fall. Per lb., postpaid, 15c.; per peck, postpaid, $1.00.

PERENNIAL OR SPANISH ONION SETS

Fr., *Oignon*: Ger., *Zwiebel*.

CROP OF 1890. ❀ **PEDIGREE ONION SEED.** ❀ **CROP OF 1890.**

ONION

We wish to call particular attention to our exceptionally pure and fine stock of **Onion Seed**. All the Onion Seed which we offer is of 1890 crop, and is unusually plump and heavy, and we have (as is our invariable custom) given the seed the most thorough "sprouting tests," as it is called, and find the germinating percentage to average exceedingly high. Our leading supply is Eastern grown, being the purest, earliest, and most free from scullions of any Onion Seed offered. From the very great care we have taken with this article, our trade has been yearly increasing, and our customers have been prize-takers in Onions for the past several years. Our seed this season is certain to give the same universal satisfaction.

It pays to sow our Onion Seed.

Culture.—A light, loamy soil suits the onion best, and it may be grown for many consecutive years on the same ground. Previous to sowing, the ground should be well manured and deeply ploughed. Harrow and rake the surface smooth and even. As early in spring as possible, sow the seeds in drills 14 inches apart and half an inch deep, **rolling firmly over the seed.** A cultivator may be used between the drills, being careful not to throw the earth too much over the crop. Weed the drills very carefully, and **never allow the weeds to get ahead of the young plants.** The onions may be pulled as soon as the tops are all down. Expose to the sun a few days to dry them off for storage or market. One ounce of seed will sow 100 feet of drills; four or five pounds to the acre for a crop.

Southport Red Globe Onion (See Novelty List).

Southport White Globe " " "

Danvers Yellow Globe. This is the best yellow onion grown. It is an enormous cropper, often yielding **500 to 800 bu.** per acre with ordinary care when soil and climate are propitious. The great value in the Danvers Yellow Globe is, beauty of form, delightful flavor, *splendid shipping and keeping qualities.* It is an excellent family onion. Our illustration shows a field of Danvers onion seed—the way it is grown for us in the East. Each head is large, full, and plump, **only carefully selected onion bulbs are planted**—the latter is a very important factor. Sow 4 lbs. per acre. Per lb., $1.75; ½ lb., 50c.; 2 oz., 30c.; 1 oz., 20c.; pkt., 5c.

Extra Early Red. Matures very early, yields abundantly, and is of mild flavor; medium size, deep red, close grained, solid and heavy; highly recommended, particularly for the north and north-west, as even there it will produce good-sized onions. Per lb., $2.50; ½ lb., 85c.; 2 oz., 40c.; 1 oz., 20c; pkt., 5c.

Large Red Wethersfield. The staple variety, very productive, large size, deep red color, pleasant flavor, and an excellent keeper. Per lb., $1.75; ½ lb., 50c.; 2 oz., 30c.; 1 oz., 20c.; pkt., 5c.

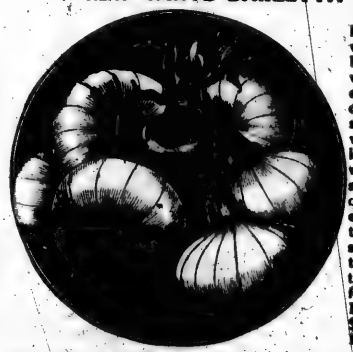
White Portugal. A handsome onion, of mild flavor, but not a good keeper; excellent for summer and fall use. Per lb., $3.00; ½ lb., $1.00; 2 oz., 55c.; 1 oz., 30c.; pkt., 5c.

ONION, FOREIGN VARIETIES.

While we would not recommend the risking of a large crop of Onions from imported seed, the following will be found very desirable for early use, they have all been tested, and have proven a perfect success; we, however, give no guarantee as to their products; of quick growth, large size and mild flavor, many sorts making onions weighing from two to four pounds, from seed the first season.

Mammoth Silver King. One of the largest onions in cultivation; early; shape flat, but very thick; skin of silvery white; flesh mild, delicate, and of snowy whiteness; a handsome and very popular variety. Per lb., $3.25; ½ lb., $1.00; 1 oz., 35c.; pkt., 10c.

NEW WHITE BARLETTA ONION.



The New White Barletta is something in the way of White Queen; but is at least three weeks earlier than that excellent variety. A decided acquisition. The skin is a beautiful waxy white; flesh very mild in flavor and snowy white. The bulbs average about one and a quarter inches in diameter, and are beautifully rounded and somewhat flattened at the top. We know of nothing better than this for a very early onion. Per lb., $3.50; ½ lb., $1.00; ¼ oz., 30c.; pkt., 10c.

Giant Yellow Bocon. A splendid large variety, globular shaped, bright brown skin and delicate flavor. Succeeds best in warm situation. Per lb., $2.50; ½ lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 5c.

New Queen, White. A new, small white onion, of fine flavor, quick growth, and good keeping qualities; excellent for pickling. Per lb., $3.50; ½ lb., 1.00; 2 oz., 55c.; 1 oz., 30c.; pkt., 10c.

Large White Italian Tripoli. A new, early, large, beautiful, pure white, flat onion, of mild and excellent flavor. Per lb., $2.00; ½ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

Small Silverskin. A small French variety, used extensively for pickling; very early, white color, and mild flavor. Per lb., $2.50; ½ lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 5c.

Welsh, Red. Skin reddish brown, and remarkably hardy; used for fall sowing. Per lb., $2.00; ½ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c.

Welsh, White. Skin of a rose white, more tender and milder in flavor than the red; for fall sowing. Per lb., $2.00; ½ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 5c

STRATAGEM

PEAS

FR. *Pois*; GER. *Erbse*.—The soil best adapted for the Pea is a rich loam, well manured the previous year (use thoroughly decomposed manure, if any, immediately before planting.) For early crops sow as early in the spring as the ground can be worked, in drills three feet apart, and for a succession every two weeks until the first of July. When they are about two inches high, begin to draw the earth to the stems. Hoe often in dry weather. Peas should be soaked in water five hours before planting, and if the ground be very dry, should be watered in the hills. Market gardeners and canners will be supplied by the bushel at reduced rates. Add four cents to pound price for postage. 1 qt. for 75 feet of drill. 2 to 3 bushels in drills for an acre.

EARLY SORTS

Peas, "Our" Extra Early (2 feet), white dented. This pea possesses all the qualities most essential for a first-class variety, being extra early and ripening with great uniformity. About 45 days from planting is the average time for gathering the crop. Per bushel $3.60; 15 lbs., $1.60; 5 lbs., 65c.; 1 lb., 16c.; pkt., 5c.

Sutton's American Wonder, (10 inches), green wrinkled. One of the earliest; finest quality, productive and of dwarf compact growth; pods good size and well filled. Per bush., $4.60; 15 lbs., $1.75; 5 lbs., 65c.; 1 lb. 20c.; pkt., 5c.

McLean's Advancer (2½ feet), a green, wrinkled variety, with broad long pods; of fine flavor and productive. Per bush. $3.60; 15 lbs., $1.75; 5 lbs., 65c.; 1 lb., 15c.; pkt., 5c.

McLean's Blue Peter, (1 foot), round blue seeds; a splendid bearer, of good flavor; one of the earliest. Per bush., $3.60; 15 lbs., $1.75; 5 lbs., 65c.; 1 lb.; 15c.; pkt., 5c.

McLean's Little Gem (1 foot), green wrinkled; very large and of a delicious flavor. It is one of the earliest varieties. Per bush., $3.60; 15 lbs., $1.75; 5 lbs. 65c.; 1 lb., 15c.; pkt., 5c.

Tom Thumb (9 inches), seed white, dented; remarkably dwarf and early, of excellent quality. Per bush., $3.60; 15 lbs., $1.75; 5 lbs., 65c.; 1 lb., 15c.; pkt., 5c.

Pride of the Market grows from eighteen inches to two feet high, and bears grand pods, well filled with large and finely-flavored peas. Its robust constitution, enormous productiveness and superior appearance, insure its acceptance as a market favorite with the public. "The Gardener's Magazine:" says they are certainly the most useful to amateurs not overburdened with space, and market growers who cannot well employ supports, for they require no sticks and are quite unequalled in productiveness. Per bush., $7.60; 15 lbs., $2.00; 5 lbs., 75c.; 1 lb., 20c.; pkt., 5c.

Champion of England (4 feet), one of the richest and best flavored peas grown; very productive. Per bush., $3.60; 15 lbs., $1.60; 5 lbs., 65c.; 1 lb.; 15c.; kt., 5c.

Stratagem (2 feet), a handsome wrinkled variety, of recent introduction, and one of the very best on our list; a heavy cropper and produces large, remarkably well-filled pod of excellent flavor. Per bush., $3.60; 15 lbs., $1.75; 5 lbs., 65c.; 1 lb., 20c.; pkt., 5c.

Telephone (4 feet), wrinkled variety, of strong growth, a good cropper, bearing immense pods of large peas of exquisite flavor; a most profitable sort. Per bush., $7.60; 15 lbs., $1.75; 5 lbs., 65c.; 1 lb., 20c.; pkt., 5c.

Yorkshire Hero (2 feet), wrinkled Pea; prolific, quite early; delicious flavor. Per bush., $4.60; 15 lbs., $1.60; 5 lbs., 65c.; 1 lb., 15c.; pkt., 5c.

Morehead's Market Gardener. A grand wrinkled variety, coming in between Little Gem and Advancer. The vines are uniformly two feet high, and very even and regular in growth. It is a prolific bearer, and has yielded more per acre than any other variety. The pods, although of medium size, are numerous, and are literally packed with peas of a delicious sweet flavor. Per bush., $3.60; 15 lbs., $2.00; 5 lbs., 75c.; 1 lb., 25c.; pkt., 5c.

LATE VARIETIES.

Blue Everbearing (2 feet), a late green wrinkled sort; very robust, well filled pods and of excellent flavor; branching habit; should be planted six inches apart. Per bush., $3.60; 15 lbs., $1.60; 5 lbs., 65c.; 1 lb., 15c.; pkt., 5c.

EDIBLE PODDED, OR SUGAR PEAS

This is a favorite class of Pea, with very tender edible pods; and for table use is served up after the manner of green Beans.

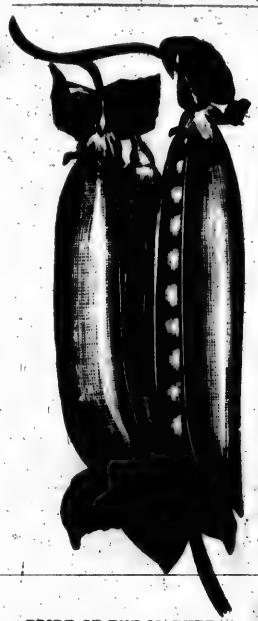
Extra Early Dwarf Brittany (2 feet), the earliest; pods long, somewhat sickle-shaped. Per lb., 25c.; ½ lb., 10c.; pkt., 5c.

Large Crooked, or Scimitar (4 feet, large, often twisted, sometimes five inches long and one inch or more broad. The best. Per lb.; 25c.; ½ lb., 10c.; pkt., 5c.

Giant (4½ feet), pods transparent, yellowish green, very thick and fleshy, curved and much contorted, six inches long. Per lb., 25c.; ½ lb., 10c.; pkt., 5c.

TELEPHONE

☞ If you want to win the premium at your Fair next Fall, you need OUR SEEDS.



PRIDE OF THE MARKET

PARSLEY

FR., *Persil*; GER., *Petersilie*.—Soak the seeds a few hours in warm water, and sow very early in the spring, in drills 12 inches apart; thin out the plants to six inches apart. To have green during the winter, remove plants into a box, and place in a light cellar or cold frame. 1 oz. for 100 feet of drill.

CHAMPION MOSS CURLED

Champion Moss Curled, very select stock; leaves beautifully crimped and curled, very fine for garnishing. Per lb $1.00; ¼ lb., 40c.; 2 oz., 25c.; 1 oz., 15c.; pkt., 5c.

Fine Tripple Curled, a fine dwarfish, curled variety, hardy and slow in running to seed. Per lb., $1.00; ¼ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

The Seeds gave me the greatest satisfaction, having found them extremely profitable.
—Sydney Albert Liddell, Fairview Farm.

PARSNIP

FR *Panais*; GER., *Pastinake*. —1 oz. per 200 feet of drill; 5 to 6 lbs. in drills for an acre. Cultivate same as carrots.

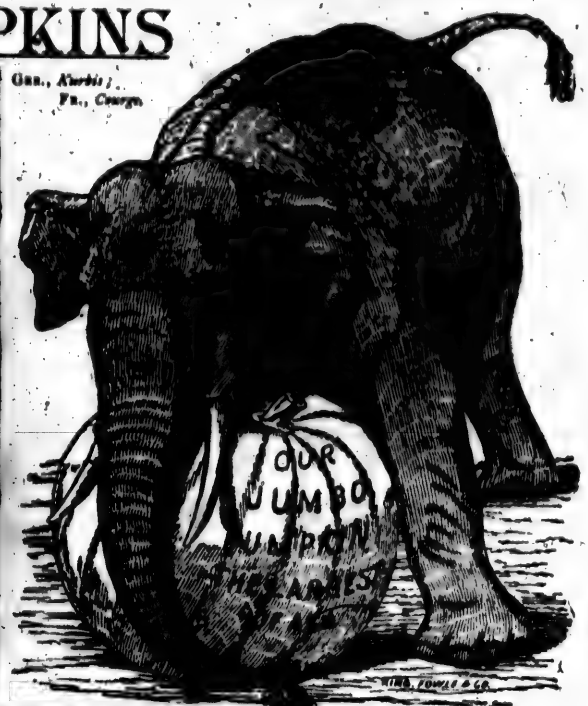
Parsnip, Long, Smooth or Hollow Crown, best for general use; per lb., 60c.; ¼ lb., 20c.; 2 oz., 15c.; 1 oz.; 10c.; pkt., 5c.

Student, of fine sweet flavor; per lb., 60c.; ¼ lb., 20c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

We send free by mail, at Catalogue prices, all seeds priced by the packet, ounce or quarter pound, post-paid. When ordering Peas, Beans and Corn by the pound, four cents per lb. must be added to prepay postage, to prevent it being deducted from amount sent.

SOME PUMPKINS

Ger., *Kürbis*;
Fr., *Courge*.



NEW JAPANESE PIE PUMPKIN

This remarkable variety comes from Japan, and will unquestionably prove a valuable addition to our pie and cooking pumpkins. The flesh is very thick, nearly solid, the seed cavity being very small in one end of the pumpkin, unusually fine grained, dry and sweet, having much the same taste and appearance as sweet potatoes. They ripen early, keep well and produce [illegible]. The seeds are peculiarly marked and [illegible] in Japanese characters. We will venture to say that pies made from the Japanese Pumpkin, without eggs, are fully as good or better, than pies made from any other variety when eggs are used. Oz. 25c.; pkt., 10c.

JUMBO OR MAMMOTH KING

Grows an immense size, rind resembling the squash. Flesh thick and sugary; fine for table use. Per lb., $2.00; ½ lb., 60c.; 2 oz., 35c.; 1 oz., 20c.; pkt., 10c.

Kentucky or Negro. This variety is exceedingly prolific; color dark green, on this account is known as the "Negro Pumpkin." Has a hard shell. One of the sweetest pumpkins known. Per lb., $1.00; ½ lb., 30c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Sugar, medium in size, thin skin, thick, solid flesh; very fine in grain, and of excellent rich flavor; one of the finest varieties in cultivation for cooking purposes. Per lb., $1.40; ½ lb., 30c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Large Yellow Field, very large; useful for stock feeding. Per lb., 25c.; ½ lb., 10c.; pkt., 5c.

Large Cheese, size large; skin reddish orange; flesh thick, fine and sweet. Per lb., $1.00; ½ lb., 30c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

KROOOPP'S GIANT PEPPER

[illegible] the Goliath of all the pepper family, [illegible] uniformly to a very large size. The shape is well [illegible] in our illustration. They are of a brilliant scarlet color, [illegible] fully one-half inch in thickness. In flavor [illegible] just hot enough to be pleasant to the taste. [illegible] plant ripens from 8 to 12 perfect fruits, from 4 to 10 in. [illegible] 3 in. thick. Oz., 40c.; pkt. 5c.

PEPPER

Fr., *Piment*; Ger., *Pfeffer*. The Pepper is much esteemed for its seasoning qualities, and is extensively used for pickling. The seed should be sown early, to be ready for transplanting when the weather becomes warm. Plant 10 inches apart and keep well hoed; hen or other bird manure hoed in with the earth when the plants are 6 inches high, will greatly increase the product. Select light warm ground.

Large Red or Bell, of large size, sweet and pleasant, rind thick and tender. Per oz., 40c.; pkt., 5c.

Long Red Cayenne, fruit brilliant coral red, conical, intensely acrid [illegible] productive. Per oz., 40c.; pkt., [illegible]

Red Chili, small, cone-sha[illegible] very pungent. Per oz., 40c.; pkt., [illegible]

Sweet Spanish or Mountain, a large and early variety, mild and pleasant; less pungent than some varieties. Per oz., 40c.; pkt., 5c.

Mammoth Cayenne. [illegible] of perfect shape and uniform [illegible] each plant ripens from 12 to 15 per[illegible] from 6 to 8 inches long, and 2 to 4 in[illegible] They are a bright, waxy, golden y[illegible] and mild in flavor; a very desirable va[illegible] Per oz., 50c.; pkt., 5c.

NEW: CELESTIAL: PEPPER

One of the worthiest novelties of the past seasons. Not only one of the most useful varieties, but it is also one of the most handsome plants for decorative purposes, of compact habit, 2½ feet in height, bearing fruits in immense numbers, as shown in the engraving. Each pepper is beautifully variegated with bright golden and deep red, sometimes striped; are immensely productive; it is quite hardy and easily grown. We strongly recommend it; you will be satisfied with the result. Oz., 50c.; pkt., 5c.

WE GUARANTEE that all Seeds, Bulbs, Plants, Etc., ordered from us, shall reach the Purchaser Safely and in Good Condition.

RADISH

Fr., *Radis, Rave, Petit Rave*, Ger., *Rettig, Radieschen*. Radishes thrive best in a light, sandy loam; heavy or clay soils not only delay their maturity, but produce crops much inferior both in appearance and flavor. For a successive supply, sow about the middle of March until September, at intervals of two or three weeks. For an early supply they must be sown in a hot-bed in February, care being taken to give plenty of ventilation, otherwise they will run to leaves. 1 oz., for 100 feet of drill; 9 to 10 lbs., in drills for an acre.

NEW ROSY GEM

This wonderful new radish has won golden opinions in all sections of the country. The illustration is perfect and will give some idea of their great beauty. It is the earliest radish in cultivation. The shape is perfectly globular, with rich deep scarlet top blending into pure white at the bottom; exceedingly tender, crisp and delicious, never becoming hollow or pithy. Equally desirable for either the market or the home garden, and should be planted by everybody. Per lb., $1.50; ¼ lb., 50c.; ½ oz., 20c.; pkt., 10c.

Chartier's Improved, a very distinct variety, and of quick growth; in color, deep pink or crimson above, and gradually blending into a pure waxy white to its root. In quality it is unsurpassed, being very tender, and remaining so for a longer period than most other summer sorts. Per lb., 75c.; ¼ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Early Scarlet, Turnip-Rooted, round, about an inch in diameter; very early and of excellent flavor. Per lb., 60c.; ¼ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Early Scarlet, Turnip-Rooted, White Tip, similar in size and color to the Scarlet Turnip, but with a white tipped root. Per lb., 75c.; ¼ lb., 20c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Early White, Turnip-Rooted, similar to preceding in shape, but a few days later. Per lb., 60c.; ¼ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Early Long Scarlet, Short Top, long, of a very bright scarlet color; flesh white crisp, and of good flavor. Per lb., 60c.; ¼ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Early Scarlet, Olive-Shaped, very early; an excellent gardener's sort, for early forcing. Per lb., 75c.; ¼ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt. 5c.

Early Scarlet, Olive Shaped, White Tip, or French Breakfast, Fine early variety; very crisp and tender; good for forcing. Per lb., 75c., ¼ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Early White, Olive Shaped, like the preceding, except in color, which is pure white. Per lb., 60c.; ¼ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

CHARTIER'S IMPROVED

OLIVE SHAPED WHITE TIPPED OR FRENCH BREAKFAST

Half Long Deep Scarlet, distinct in color of skin and shape of the root, which is somewhat of the olive-shaped type, but more elongated, and terminates in a longer and finer point. Per lb., 75c.; ¼ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Long Scarlet, a standard variety; grows long; of brilliant scarlet color; Per lb., 60c.; ¼ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Wood's Early Frame, excellent for cultivating under glass; very early, in shape between Olive and Long. Per lb., 75c.; ¼ lb., 25c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

WINTER VARIETIES

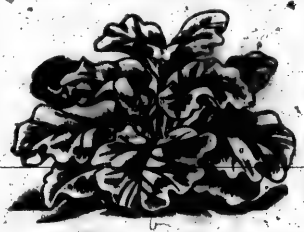
California Mammoth White, introduced into California by the Chinese; eight to twelve inches long, and from two to three inches in diameter. Per lb. $1.00; ¼ lb., 30c.; 2 oz. 20c.; 1 oz, 15c; pkt. 5c.

Long Black Spanish, large, skin black, flesh firm and white. Per lb., $1.00; ¼ lb., 30c.; 2 oz., 20c.; 1 oz., 15c.; pkt., 5c.

Rose Chinese, this is of excellent quality, and is certainly one of the best varieties for winter use. Per lb., $1.00; ¼ lb., 30c.; 2 oz., 20c.; 1 oz., 15c.; pkt., 5c.

New Chinese White, stump rooted, very like Nantes carrot, six inches long; fine for winter. Per lb., $1.00; ¼ lb., 20c.; 2 oz., 15c.; pkt., 5c.

CALIFORNIA MAMMOTH RADISH



RHUBARB

Fr., *Rhubarbe*; Ger., *Rhabarber*. Sow in April, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall, or the following spring, transplant into deep, rich soil, about three feet apart each way. If propagated by dividing the roots, it may be done either in the fall or spring, planting it the same distance apart as given above.

Johnston's St. Martin, the finest and one of the earliest of all Rhubarbs; an enormous size; the flavor is superior, and requires less sugar than any other varieties; in color delicate pink. Per ¼ lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 5c.

Myatt's Linnaeus, a second early sort, with very long, thick, roundish stalks; of a deep green color, and of excellent flavor. Per ¼ lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 5c.

Victoria, a later kind than the preceding; stalks red, very thick, large, tender, and of good quality. Per ¼ lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 5c.

(RHUBARB ROOTS.—Good strong Stock.)

Johnston's St. Martin, the most favored and the best, each 25c.; per doz., $2.50

A New Extra Early Potato

BURPEE'S EXTRA EARLY OR No. 37

DISTRIBUTED for advance trials as Van Orman's Seedling No. 37 this distinct new Potato will hereafter be known as **Burpee's Extra Early**. Thoroughly tested by several thousand growers throughout America and England, it has proved itself from ten days to two weeks earlier than Early Rose, Beauty of Hebron, Early Puritan, Polaris etc., while fully one week earlier than the Early Ohio and nearly twice as productive. The Potatoes are uniformly of good size, entirely free from the rough or scabby tubers, with very few small ones; oblong in shape, very smooth, eyes set well on the surface, skin creamy white slightly shaded with pink, the flesh is pure white, remarkably fine-grained, and of the very best table quality. The tubers grow very compact in the hill, with strong vigorous foliage, of intense dark green; is a sure cropper, immensely productive, and will undoubtedly become the standard extra early Potato of the near future.

Had we space in our Catalogue to publish the reports and testimonials received from all sections, our stock of **Burpee's Extra Early** would probably be exhausted within a few weeks after publication of this Catalogue. In order, however, thoroughly to substantiate the claim made for this distinct new Potato, we here publish a few of these testimonials and reports, which will be of interest to those desiring to obtain the earliest and most productive of all early Potatoes.

PRICES OF BURPEE'S EXTRA EARLY. As long as our supply lasts, we will fill orders at the following prices: **Per pound, 30 cents; 3 pounds for $1.20, postpaid, by mail.** By express or freight, purchaser to pay transportation charges upon receipt of the potatoes, **one-half peck 75 cents; per peck, $1.25; one-half bushel, $2.50; per bushel, of 60 pounds, $4.00, per barrel, of 165 pounds, $10.00.** ☞ We reserve the right, when our stock becomes reduced, to decline orders for more than **one-half** bushel, and return the balance of the money. We desire to have this Potato distributed as widely as possible, and hence our customers who want small quantities can rely upon having their orders filled, and those who want a bushel or barrel must not be disappointed should their orders reach us too late.

SOME AMERICAN TESTIMONIALS

JOHN COLBERT, Sept. [illegible], 1889, writes:—*Seedling No. 37* (BURPEE'S EXTRA EARLY) is so [illegible] to anything in the potato line, that I will say it is *matchless*. In my experience with potatoes, I have tried all the leading varieties, and found none to equal *Seedling No 37*. It is *earlier* than the famous *Early Rose and Triumph*, and considerably *better in quality*. We cooked one mess to taste them, and they were pronounced by all to surpass any we ever ate.

GEO. F. MONTGOMERY, Oct. 14th, 1889, writes:—I planted *No. 37* Potato on April 18th, and on June 1st they were in bloom. I planted *Early Rose, Clark's No. 1, Early Beauty of Hebron and Polaris* the same day, and *Seedling No 37 was three weeks earlier than any of the others*. I have planted all the early varieties of potatoes during my 40 years of farming, and I can truly say that the *Seedling No. 37 is ahead of anything I ever planted*. When cooked they are mealy and delicious. It is a thrifty grower and a good yielder, nearly one-third more than any I have planted. Some of the tubers weigh 1½ pounds each.

C. R. PADDOCK, Oct. 4th, 1889, writes:—*Seedling No. 37* (BURPEE'S EXTRA EARLY) produces a strong, hardy and vigorous plant, with short, strong, erect stalk, densely covered with *the most magnificent coat of dark green, glossy foliage of any variety I ever cultivated*. With equal advantages it exceeded all varieties with us this season, among which are the *Early Ohio, Early Rose, Potentate and Peach Blow*. The latter we have cultivated for 20 years consecutively. Of the 118 eyes, 116 sprouted and lived through the season, and produced 100 pounds of potatoes. In quality, *Seedling No. 37* is simply "*par excellence*." In color, pure milk white, slightly tinged with cream color when cooked, which only betrays its absolute richness. In flavor it is very pure, leaving no unpleasant taste in the mouth, as some varieties do. In shape it is long, oval, skin very smooth and clear, and free from stalk, which seriously afflicts many varieties. Eyes distinctly drawn, but not deep, almost on the surface. As to earliness, it was *one week earlier than the Early Ohio, and about ten days earlier than the Early Rose*. The tubers are large, remarkably even in size, and grew compact in the hill. *It is the smoothest and handsomest potato I ever saw*. Clearest of scab, and is dry and mealy when baked or boiled. In short, I consider it the *acme of perfection*.

GEO. BOWMAN, writes:—I planted your *No. 37* on the 23rd day of April, in moderately rich soil. The growth presented itself in a surprisingly short space of time, outstripping the *Early Vermont*, and *ripened about two weeks earlier*. I consider it *the earliest potato on the market*. In quality, *No. 37* is of very fine grain, making it "*par excellence*" for table use, either boiled or baked, which, in my judgment, gives it a thorough test. The potatoes are all smooth, giving them a very winning aspect. It is a very robust grower, remarkably so, having strong and vigorous foliage, able to stand more heavy wind without breaking down than any I have yet seen. The tubers grow very compact in the hill, thereby making it a very desirable potato for digging.

MRS. JAMES WILSON, Oct. 14th, 1889, writes:—For fear of frost I waited two weeks later to plant my *No. 37* Potatoes than I did both the *Early Rose* and *Early Ohio*, and gave them the same cultivation I did the other varieties, no extra work, and from the pound I raised 42 pounds, and in the whole lot I only had one potato that had a bump on it, the rest were all *large and smooth*. They are quick cookers, dry and mealy, and *after being planted two weeks later than the others, made themselves about eighty days earlier*. We would have had a larger yield but for the moles.

T. W. FARMER, Sept. 16th, 1889, writes:—*Seedling No. 37* (BURPEE'S EXTRA EARLY) was planted at the same time as *Early Rose and Early Beauty of Hebron*, but were ready for use *at least ten days earlier than either*, and there was not a rotten potato in the lot. *No. 37* was far ahead in yield, and I raised 94 pounds of nice large potatoes from the one pound. They are smooth and large, one potato weighing nearly one pound. I think they will go ahead of any potato ever introduced, and would suggest the name "*Seek-no-further*," *for no better can be found than Seedling No. 37*, either for yield or quantity. They cook quick and evenly, are very dry and mealy and of excellent taste. They are of a strong, vigorous growth, rich foliage, with medium heavy stalks, with the potatoes growing in a cluster close to the parent stem.

OUR POTATO PAGE

OF the many varieties of Potatoes that claim public favor we have selected only a few, and these the best in cultivation. We aim to include in our list only those sorts which we have found by actual test are worthy of confidence. Orders will be booked as received, and shipped in rotation, after danger of freezing is over; and as Potatoes are of perishable character, we assume no responsibility for damage incurred in transit, but we will, of course, exercise the greatest care to guard against sudden changes in the temperature.

NOTE.—The excessive demand last season exhausted our supply early in the season. We trust to be able to fill all orders this year. Early orders are requested.

THE STRAY BEAUTY, a roundish Potato, flattened at one end, the outer skin is a beautiful deep rose color, inclined to red, giving it a handsome appearance. The eyes are few and shallow, flesh perfectly white, and, when baked or boiled, unusually dry, mealy, and of the very best flavor; an extra early market or table Potato. Per lb., post-paid, 30c.; 5 lbs., 75c.; per peck, carriage extra, 60c.; bushel, $1.50; barrel, $3.50.

"Second Stray-Verdant," 30c. lb., the nearest to perfection of any potato yet introduced, exceeding all other first-class sorts in yield. It originated several years ago on the experimental farm of *The Rural New-Yorker*. It has been tried there and elsewhere for several years, and is very nearly a perfect potato, of most delicate appearance, and can readily be distinguished among a hundred others. It is very large and unusually smooth, with few and shallow eyes; in form it is oblong, inclining to round, and rather flattened, the skin is white, so is the flesh, which is of superior quality. In everything the variety is intermediate, and its mildly and vigor are such that it has rotted less in very wet seasons than any of the numerous sorts grown with it. The vines are heavy and strong, and the yield of handsome tubers of great uniformity of size is enormously large. Per lb., post-paid, 30c.; 5 lbs., $1.00; per peck, carriage extra, $1.00; bushel, $3.00; bbl., $7.00.

NEW BADGER STATE, a large oblong, white potato of excellent market shape and appearance. A strong grower and good yielder. The originator says: "This variety, now four years from the seed ball, has been for the past three years one of the largest producers among 300 varieties grown by me. The tubers average from large to very large. The vines are very strong. This comes by flowers (from which seeds), resembling it in a great other whatever." Our aim in procuring the BADGER STATE has been to substitute a new one for the Burbank's Seedling; a good table potato. Per lb., post-paid, 30c.; 5 lbs., $1.00; per peck (carriage extra) $1.00; bushel, $1.50; barrel, $4.

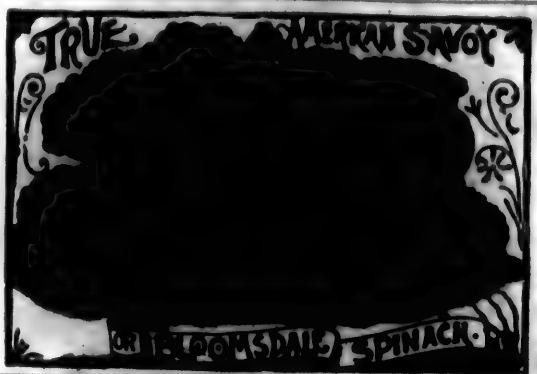
SUMMIT, (New). The Summit Potato is in the front rank of new and good potatoes. A long and detailed description is needless. It is half white, similar to its parent (Early Rose) but differs from it in growing thicker and shorter, making a more desirable form, being more of an oblong, quite deep through the center, and sometimes slightly hatchet-faced. The flesh is white and, when cooked or baked is very dry and mealy; an enormous yielder, free from rust and rot and less liable to blight than others. In fact, the Summit combines more good qualities than can be found in any other variety yet introduced. Prices, per lb. (post-paid), 30c.; 5 lb., $1.00; per peck (carriage extra), $1.00; bushel, $3.00; barrel, $7.00.

EARLY PURITAN, Early Puritan for short, the Beauty of Hebron in productiveness and quality. This variety has come to stay. It really excellent, and is worthy of a trial. The shape is well shown in our illustration, the skin and flesh is very white, it cooks dry and mealy even when half grown. It ripens with the Early Rose, greatly exceeds it in productiveness, the vines grow strong, and vigorous, standing up firm as a tree. One lb., 30c.; 5 lbs., $1.00, post-paid; peck, carriage extra, 75c.; bushel, $2.50; bbl., $6.00.

CROWN JEWEL, (Seedling of the Early Ohio). Grown in competition with the Early Ohio, Early Rose and Snowflake, it more than doubled the yield of any of them; they are ready to dig fully a week earlier, and were pronounced by competent judges of the finest table quality, both baked and boiled. **THE CROWN JEWEL**, is a strikingly beautiful potato, the shape is well depicted in our illustration, skin is white and smooth, eyes shallow but strong, flesh pure white and floury, cooking evenly throughout. The vines grow vigorously, the roots extend very deeply into the soil, thus resisting drought, and its keeping qualities are equal to the best. **THE CROWN JEWEL** has come to stay at the very top round of the ladder. One lb., 30c.; 5 lbs., 75c., post-paid; peck, carriage extra, 60c.; bushel, $1.50; bbl., $4.00.

LADY FINGER, the Greatest Breakfast Table Luxury—To those who are acquainted with it, it is unnecessary to say anything in its favor; but to those who have not tested a baked "LADY FINGER," we would say that they have a rich treat in store for them if they will test this variety. No other variety can approach it in quality and delicate flavor when properly baked. Very prolific and quite free from rust. Per lb., 30c.; 5 lbs., 75c.; post-paid.

WE WILL SEND 1 LB. OF EACH OF THESE VARIETIES, ONE LB. EACH, BY MAIL (POST-PAID) FOR $2.50.



SPINACH

Fr., *Epinard*; *Ger.*, *Spinat*. Sow in good rich soil, in drills one foot apart, covering the seed one inch deep, at intervals of two weeks from April to July. For winter use, sow in August, and protect with a covering of straw during cold weather. 1 oz. to 100 feet of drill, 14 lbs. per acre.

Bloomsdale Savoy-Leaved, a variety highly popular among market gardeners of Philadelphia. The leaf of this variety is wrinkled in the same manner as the Savoy Cabbage. It is the hardiest of all the spinach family, and produces nearly twice the weight of the old varieties in crop. One of the best for family or market use, the leaves being very numerous and succulent. 1 lb. 60c.; ½ lb. 30c.; 2 oz. 15c.; 1 oz. 10c.; pkt. 5c.

Flanders, a large, broad-leaved, hardy variety, very productive, and good for either fall or spring sowing. Per lb., 60c.; ½ lb., 30c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Round Thick-Leaved Spinach, an excellent, productive and hardy variety. Per lb., 60c.; ½ lb., 30c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Long Standing, an improved strain of the Round Leaf variety, but stands much longer before running to seed. Per lb., 60c.; ½ lb., 30c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Short-Leaved Round Thick-Leaved Vroutling, resembling the preceding, in the shape of its leaves, but is of much larger size. Per lb., 60c.; ½ lb., 30c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Prickly or Dutch, one of the hardiest and most generally used for fall sowing. Per lb., 60c.; ½ lb., 30c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

SALSIFY OR VEGETABLE OYSTER

Fr., *Salsifis*; *Ger.*, *Haferwurzel*. A delicious vegetable with an oyster flavor when cooked. It may be either stewed, boiled or fried, and is also eaten raw in vinegar, and used as a salad. Sow early in spring, in a deep, mellow soil, in drills 15 inches apart, covering the seed 1 or 2 inches deep. When large enough, thin to 6 inches apart.

Salsify, Vegetable Oyster. Per lb., $2.00; ½ lb., 60c.; 2 oz., 30c.; 1 oz., 20c.; pkt., 5c.

SANDWICH ISLAND SALSIFY

Mammoth Sandwich Island. A superior variety. Per lb. $3.00; ½ lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 5c.

SQUASH

Fr., *Courge*; *Ger.*, *Kürbis*. It is useless to sow until the weather has become settled and warm. Light soils are best suited for their growth. Prepare hills for the seeds by incorporating two or three shovelfuls of well rotted manure with the soil for each hill. For the bush varieties, from three to four feet each way, and for the running sorts, from six to eight feet. Eight or ten seeds should be sown in each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants. 1 oz. for 50 hills; 5 to 6 lbs. in hills for an acre.

(Scalloped Squash)

SUMMER VARIETIES

Golden Bush Scalloped. Deep orange color, grown almost exclusively for first crop; esteemed for earliness. Per lb., 60c.; ½ lb., 30c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

White Bush Scalloped. Like the above, except in color, which is creamy white. Per lb., 60c.; ½ lb., 30c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

Summer Crookneck. The richest summer squash; very early and productive; fruit orange-yellow, covered with warty excrescences. Per lb., $1.00; ½ lb., 30c.; 2 oz., 15c.; 1 oz., 10c.; pkt., 5c.

AUTUMN AND WINTER SORTS

Boston Marrow. A good, tender, rich variety, for fall and winter; color, rich orange; very productive. Per lb., $1.25; ½ lb. 60c.; 2 oz., 25c.; 1 oz 15c.; pkt. 5c.

Sweet Nutmeg. This is not only one of the richest flavored, finest grained and sweetest of all the Squash family, but one of the very best keepers. The flesh is very thick, rich in color, and solid; exceedingly productive, very early and of rapid growth. Per lb., $1.00; ½ lb., 60c.; 2 oz., 25c.; 1 oz., 15c.; pkt., 5c.

Hubbard. More largely grown as a late sort than any other; of large size, flesh fine grained, dry and of excellent flavor; one of the best. Per lb., $1.00; ½ lb., 60c.; 2 oz., 25c.; 1 oz., 15c.; pkt., 5c.

Mammoth Ship. Grows to a large size, often reaching over 200 pounds, very productive, excellent for all uses; very profitable for stock. Per lb., $1.00; ½ lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 10c.

Marblehead. An excellent winter squash; good keeper; dry, sweet and delicious; the shell is very hard and light blue in color. Per lb., $1.25; ½ lb., 60c.; 2 oz., 25c.; 1 oz., 15c.; pkt., 5c.

Pink Jumbo. A fall and winter sort. The skin is of a creamy white, with flesh of same color, fine grained and splendid quality, having a rich cream-nut flavor. A very profitable variety, yielding from two to eight specimens to each vine. Per lb., $1.25; ½ lb., 60c.; 2 oz., 25c.; 1 oz., 15c.; pkt., 5c.

Turban or Turk's Cap. A good fall and early winter variety; specimen in color, striped white, dark orange; in form it resembles a turban. Per lb., $1.50; ½ lb., 60c.; 2 oz., 25c.; 1 oz., 15c.; pkt., 5c.

Hubbard Gem. Fine for summer and winter use; creamy white in color, this skin with fine grained, rich sweet flavored flesh, just the size for a family or for family use. Per lb. $1.50; ½ lb. 60c.; 2 oz. 25c.; 1 oz. 15c.; pkt. 5c.

"Pinary Pippin," or Stately. A new and distinct variety. The shell is hard and thick, very thin, smooth and of a pale green color; flesh solid, thick, bright green color, with a delicate rich flavor peculiarly its own. Per lb., $1.50; ½ lb., 60c.; 2 oz., 25c.; 1 oz., 15c.; pkt., 10c.

(Vegetable Marrow)

English Vegetable Marrow. Fruit oblong in form, 10 to 16 inches long, 4 to 6 inches in diameter; skin smooth and of a yellowish white color; flesh white, soft and rich flavored. Plant 5 feet apart. Per lb., $2.25; ½ lb., 60c.; 2 oz., 25c.; 1 oz., 20c.; pkt., 5c.

Large White Bush Marrow. Fruit larger than the preceding; color creamy white, and flesh of good quality. A profitable market sort. Per ½ lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 10c.

Medium Vegetable Marrow. A distinct variety. Fruit slightly narrowed at the ends and skin very smooth, of a dark green, marbled with yellow or pale green, exceedingly tender and delicately flavored. Per ½ lb., 75c.; 2 oz., 40c.; 1 oz., 25c.; pkt., 10c.

TOMATO

Pk., *Tomato*—Cut, *Lycopersicum*—1 oz., for 1,000 plants; ½ lb. (by mail, postpaid) for an acre. This vegetable is now perhaps one of the most important of all garden products. The seed should be sown in a hot-bed or greenhouse, about a month before the last date when sharp frost is hoped, generally the week in March, in drills five inches apart and half an inch deep, or broadcast, if desired. When the plants are about one inches high they should be set out in boxes about inches deep, four or five inches apart, in warm temperature, or removed into small pots, allowing a single plant to a pot. When transplanted a second time this larger pots, they are more nearly and branchlets. About the end of May the plants may be set in the open ground. They are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovel-ful of rotted manure has been mixed. On heavy soils, which are not suited for an early crop, they should be planted four feet apart. Water freely at the time of transplanting, and shelter from the sun a few days until the plants are established. Substitute plants for a small garden may be created by sowing a few seeds in a shallow box or flowery pot, and planting it in a sunny window of room or kitchen. Tomatoes will always produce greater crops and be of better flavor when staked up, or when trained against walls or fences. The following varieties are the very best in cultivation:—

NEW WORK VARIETIES

Golden Queen.—A fine quality yellow sort. It is solid, very smooth, free from ridges, large in size, ripens up early, and is a very handsome Tomato, in fact by far the most beautiful yellow variety ever seen out; the larger and ripe fruits are frequently tinged with red at the blossom end. Slices are better for preserving or stewing; the Princess golden yellow slices make a beautiful contrast in a dish with red Tomatoes. A distinct yellow sort. Price, per lb., $4.00; ½ lb., $1.00; 1 oz., 50c.; oz., 8c.; per pkt., 10c.

VOLUNTEER TOMATO

An early Tomato, of most attractive color and uniformly good size, averaging six to eight ounces. Of perfect form; a continuous and productive bearer; ripens well to the stem, and is entirely free from hard core. It has been tested thoroughly, and is considered by many as ideal Tomato. Per lb., $4.00; ½ lb., $1.00; 2 oz., 50c.; 1 oz., 50c.; pkt., 10c.

Livingston's New Potato Leaf.—Another fine new Tomato, remarkable for its great firmness and solidity, and in this respect it is unequalled by any other variety. It is named Potato Leaf, in consequence of its having such a very peculiar leaf, being whole, not cut or subdivided like the leaves of ordinary kinds. In this respect it resembles the Bliss or Turney Hybrid, but while the fruit is not quite as large as these, but large enough for all purposes, it is far smoother, equalling the old standards, Acme and Paragon, in this respect. A second early, and is very bearing until killed by frost, has a strong vine, is an excellent variety for growing on trellis or tying up to stake. Best suited for family gardens. Price, oz., 50c.; pkt., 10c.

THE NEW "PEACH."

A wonderful Tomato, and in appearance resembles a peach. The old variety called "Peach Tomato" was in no way like the "New Peach," as the former only resembled a peach in size, while the "New Peach" is similar to many peaches not only in size, but shape, color and general appearance, seeming to have the very bloom or fuzz of a peach upon its surface. This gives it a peculiarity that is found in no other variety. Its equal in delicacy of flavor does not exist in the Tomato family. For exhibition purposes it is very desirable, and we believe it will please our customers very much. Price per oz., 50c.; pkt., 10c.

NEW DWARF CHAMPION

A new and distinct variety, stands well up even when loaded with fruit, in consequence of having a strong, bushy stem. The foliage is very matched, of a dark green color, leaves thick and different from other sorts. It produced ripe fruit last season by 1st July. The crop ripens up early and evenly; a good producer; fruit smooth, medium in size and similar in color to the Acme. Price, per oz., 50c.; pkt., 10c.

OLD SORTS

Acme.—Early; medium size, perfectly smooth, solid, and productive. Color, crimson with a purplish tinge; per lb., $2.00; ½ lb., $1.00; 2 oz., 55c.; oz., 30c.; pkt., 5c.

Canada Victor.—Very hardy and early. Symmetrical in shape, solid rich flavored and prolific; color bright red; per lb., $2.00; ½ lb., $1.00; 2 oz., 55c.; oz., 30c.; pkt., 5c.

Early Conqueror.—One of the very earliest for first crop; fruit of good size and uniform in shape; scarlet crimson color; per lb., $2.00; ½ lb., $1.00; 2 oz., 55c.; oz., 30c.; pkt., 5c.

General Grant.—A superior variety; fruit large, very regular; color brilliant glossy crimson; flesh firm, of fine quality; ripens rapidly and thoroughly; per lb., $2.00; ½ lb., $1.00; 2 oz., 55c.; ½ oz., 30c.; pkt., 5c.

Large Smooth Red.—Smooth and nearly round, somewhat flattened; color bright red; solid and productive; per lb., $2.00; ½ lb., 75c.; 2 oz., 40c.; oz., 25c.; pkt., 5c.

Livingston's Beauty.—One of the best; fruit borne in clusters, round, smooth, and of a glossy crimson color, slightly tinged with purple, very solid, free from cracks and rot; per lb., $2.00; ½ lb., $1.00; 2 oz., 55c.; oz., 30c.; pkt., 5c.

Livingston's Favorite.—One of the largest and most perfect shaped Tomatoes grown; per lb., $2.00; ½ lb., $1.00; 2 oz., 55c.; oz., 30c.; pkt., 5c.

Optimus.—Produces fruit of medium size, smooth and solid; flesh, scarlet crimson and of finest flavor; per lb., $2.00; ½ lb., $1.00; 2 oz., 55c.; oz., 30c.; pkt., 5c.

Mikado.—Very large and early, perfectly solid and generally smooth; color, purplish red. A good sort, per lb., $2.00; ½ lb., $1.00; 2 oz., 55c.; oz., 30c.; pkt., 5c.

Paragon.—Resembles the Acme in form and size; color bright glossy crimson; medium early; fine fleshed, and ripens very evenly; per lb., $2.00; ½ lb., $1.00; 2 oz., 55c.; oz., 30c.; pkt., 5c.

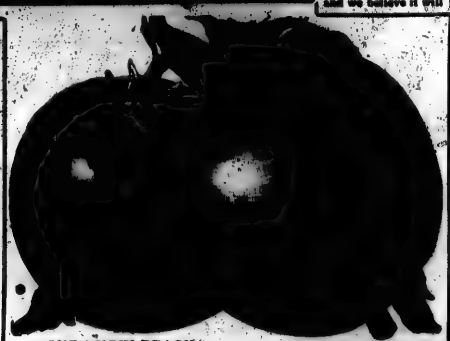
Perfection.—Very early, of a blood-red color; perfectly smooth; ripens uniformly, and bears abundantly till frost comes; comparatively free from seeds, solid, bears transportation well, and unsurpassed in quality; per lb., $2.00; ½ lb., $1.00; 2 oz., 55c.; oz., 30c.; pkt., 5c.

Trophy.—An old favorite for general home [illegible] surpassed in flavor and productiveness; per lb., $2.00; ½ lb., $1.00; 2 [illegible] 1 oz., 35c.; pkt., 5c.

PRESERVING AND PICKLING SORTS

Strawberry or Barbadoes Gooseberry.—A distinct variety; the fruit has a juicy pulp, of a pleasant, strawberry-like flavor, with a certain degree of sweetness and acidity intermixed; with the addition of lemon juice it is frequently preserved like plums; per oz., 50c.; pkt., 10c.

Pear-shaped, yellow, 10c.; Red Currant, 10c.; Red Apple, 10c.; Yellow Cherry, 10c.; Red Cherry, 10c.; Yellow Plum, 10c.



THE "NEW PEACH."

NEW DWARF CHAMPION

EXTRA EARLY MILAN TURNIP

TURNIP

Fr., Navet; Ger., Rübe. Turnips for early use may be sown as soon as the ground opens in spring. For fall and winter use, sow the early sorts from July to the middle of August; they may be sown either broadcast or in drills. The best crops can be raised from drills 18 inches apart, and the plants thinned six inches apart. Three pounds of seed will sow an acre.

BURPEE'S BREAD STONE TURNIP

The illustration shows the shape of these Turnips; they are of medium size, very quick-growing, and the roots are very smooth and white, with faint green top. The flesh is perfectly white, fine grained and cooks in only 50 to 60 minutes; remarkably tender, very sweet; it is the finest Turnip for winter and spring use we have ever seen. Per lb., $1.50; ½ lb., 60c.; ¼ oz., 20c.; 1 oz., 15c.; pkt., 5c.

Sharp Flat White Dutch, Strap Leaf, size medium, of quick growth, juicy, excellent quality. Per lb., 50c.; ½ lb., 30c.; ¼ oz., 15c.; 1 oz., 10c.; pkt., 5c.

Turnip, Extra Early Milan, a new, very white, strap leaf, purple top variety, medium in size, smooth and flat-shaped. Per lb., $1.00; ½ lb., 50c.; ¼ oz., 15c.; 1 oz., 10c.; pkt., 5c.

Early White Stone or Snowball, a fine garden variety; globe-shaped, medium sized, firm texture. Per lb., 50c.; ½ lb., 30c.; ¼ oz., 15c.; 1 oz., 10c.; pkt., 5c.

Jersey Navet, roots long, white, nearly cylindrical, but swollen at the lower end, which is quite mealy; one of the very best for forcing, but should be used before growing too large. Per lb., 75c.; ½ lb., 50c.; ¼ oz., 15c.; 1 oz., 10c.; pkt., 5c.

Large White Globe, Strap-Leaf, flesh white, firm and crisp; a very delicious early variety. Per lb., 70c.; ½ lb., 35c.; ¼ oz., 15c.; 1 oz., 10c.; pkt., 5c.

Red Top, Strap-Leaf, an excellent table sort, rapid grower and mild flavor. Per lb., 60c.; ½ lb., 30c.; ¼ oz., 15c.; 1 oz., 10c.; pkt., 5c.

Laing's Purple Top, Strap-Leaf, an excellent variety for the garden or field; medium size. Per lb., 50c.; ½ lb., 10c.; pkt., 5c.

White Egg Vegetable, or Nimble Dick, very early, fine shape, small top and excellent flavor. Per lb., 50c.; ½ lb., 30c.; ¼ oz., 15c.; 1 oz., 10c.; pkt., 5c.

Sweet German, partakes largely of the nature of a Swede, and should be sown a month earlier than the flat Turnips. The flesh is white, hard, firm and sweet, and it keeps nearly as well as a Swede Turnip. Per lb., 60c.; ½ lb., 35c.; ¼ oz., 15c.; 1 oz., 10c.; pkt., 5c.

Orange Jelly or Golden Ball, skin bright yellow, flesh firm, sweet and delicious; a good keeper. Per lb., 50c.; ½ lb., 30c.; ¼ oz., 15c.; 1 oz., 10c.; pkt., 5c.

Hazzard's Swede, this is undoubtedly the finest Swede for table use; firm, juicy, and of exquisite flavor when cooked. Per lb., 60c.; ½ lb. 15c.; 1 oz., 10c.; pkt., 5c.

TOBACCO

The seed should be sown as early as possible after the danger of frost is over. A good plan is to burn a quantity of brush and rubbish in the spring, on the ground intended for the seed-bed; then dig and thoroughly pulverize the earth and mix with the ashes, after which the seed may be sown and covered very lightly. When the plants are about six inches high, transplant into rows six feet apart each way, and cultivate thoroughly with plow and hoe.

Connecticut Seed Leaf, one of the best varieties for the Canadian climate, being comparatively hardy. Per oz., 50c.; pkt., 10c.

Havana, an early variety, and the best of the Americanized Havanas. Our seed is of exceptionally fine quality. Per oz., 75c.; pkt., 10c.

HERBS—SWEET, POT AND MEDICINAL

Herbs delight in a rich, light soil, which should be nicely pulverized before planting. Sow in shallow drills, and thin to a few inches between the plants. Cut on a dry day, before they have come into full bloom. Dry in the shade, and pack in bottles or boxes, in a dry room.

	Per oz.	Per pkt.		Per oz.	Per pkt.		Per oz.	Per pkt.
Anise	20	5	Camomile	75	5	Hoarhound	40	5
Balm	40	5	Coriander	10	5	Lavender	30	5
Basil, Sweet	40	5	Dandelion	75	5	Penny Royal		10
Borage	20	5	Dill	20	5	Pot Marjoram	50	5
Catnip	75	5	Fennel	20	5			

	Per lb.	½ lb.	oz.	pkt.		Per lb.	½ lb.	oz.	pkt.
Marjoram, Sweet	$4 00	$1 25	40	5	Sage	$2 50	$0 75	25	5
Pot Marigold			50	5	Savory, Summer	2 00	75	25	5
Rosemary			75	5	Tansy			50	5
Rue	2 00	75	50	5	Thyme	5 00	1 75	50	5
Saffron			40	5	Wormwood			50	5

MAMMOTH RUSSIAN SUNFLOWER

MAMMOTH RUSSIAN SUNFLOWER

The Giant of all Sunflowers. Growing to double the size of the common sunflower, and the yield of seed is **twice as great.** One hundred and twenty-five bushels to the acre have been grown at a less expense than corn. It is highly recommended for poultry; the best egg-producing food known. The leaves make splendid fodder, much relished by all kinds of stock. The seed is good feed for horses, and yields a fine quality of oil. The strong, thick stalks are used for fuel. In fact there is no waste whatever in any of its product. Per lb., post-paid, 20c.; ½ lb., 10c.; pkt., 5c.

OUR SELECTED FARM SEEDS

ROOT CROPS FOR FARM STOCK

We hold a very Large and Well-Assorted Stock of Agricultural Seeds of the Most Reliable Quality

AGRICULTURE in its various branches is the life and stability of our vast Dominion. The wealth and fame of Canada is increasing every year, chiefly from the products of the soil, and in no small degree has the high standard and quality of the seeds used in the production of its cereal and root crops contributed towards this end. No country under the sun produces finer wheat and other grains, while its root products compare second to those of no other country.

We, as Canadian seedmen, have been constantly endeavoring to procure and supply our customers with the finest and most perfect strains of Seeds, in this department, that the world produces, and we have the satisfaction in knowing that our endeavors are every year being more appreciated and realized by the continuous increase and demand for our Seeds, and which is the strongest evidence we can offer.

Agricultural Seeds by Mail.—Our postal arrangements enable us to forward parcels under five pounds weight to any Post Office in the Province of Ontario, Quebec, Nova Scotia, New Brunswick, Prince Edward Island, Manitoba, British Columbia and the North-West Territory, at four cents per pound. Any number of packages can be sent to one address by mail. Do not forget to add the postage.

When ordered in quantity for shipment by freight or express, please add sufficient to cover cost of bags, at the rate of twenty-five cents each. When this is omitted, we require to reduce quantity sent to cover cost of packages, as profits would not allow such a discount.

Conditions of Sale.—The Steele Bros. Company take every precaution to supply reliable seed, but give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter of seeds they send out, and they wish it to be distinctly understood that they will not be in any way liable for any loss arising from any failure thereof, or responsible in any way for the crop. All Seeds bought from them must be accepted on these conditions or returned.

SUGAR BEET **White Silesian Sugar Beet** is quite extensively grown in this country, and is employed almost exclusively as feed for stock, more especially milch cows. Skin white, washed with green; flesh white, crisp and sugary. It is cultivated in all respects as the Long Red Mangel. Sow 5 or 6 lbs. per acre. Price, 10 lbs. or over 20c.; per lb., 25c.; ½ lb., 10c.

RAPE (OR COLE) **Rape, Broad-Leaved Dwarf Essex.**—Extensively cultivated for soiling purposes; as a feeding plant the yield is abundant, and is very nutritious—nearly all animals are fond of it. **The Ontario School of Agriculture, Guelph,** recommend the use of Rape very strongly, especially as food for sheep, and contend that the farmers of the Dominion do not sow it to the extent they should do. Sow in May, either broadcast or in drills; 3 to 4 lbs. in drills; 4 to 6 lbs. broadcast; per lb., 15c., or 14c. postpaid. Special quotations for large quantities.

KOHL RABI. The Kohl Rabi affords most excellent food for cattle, sheep and pigs, and will stand extreme drought, and is not injured with a slight frost. Carefully harvested and stored it will keep equal to Swede Turnips, and when fed to milch cows, does not impart the "turnip" flavor to milk.

See page 88 for description and mode of cultivation.

Early White Vienna.—Per lb., $2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

Early Purple Vienna.—Per lb., $2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

CARROT Sow seed in drills, eighteen to twenty-four inches apart, from the middle of April to the first of June, and when about three inches high thin out from four to six inches apart. Two to three pounds is the usual quantity per acre.

Note.—Our stock of Carrots is all cleaned rubbed seed, and can be sown as easily as turnip.

LONG ORANGE.

Danvers Orange.—A valuable variety for field culture; intermediate in length, large at shoulder and tapering to a point; per lb., 30c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

James' Scarlet Intermediate.—Very smooth and tapering regularly to a point; second early; per lb., 30c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Long Red Altringham.—Bright red color and crisp; excellent for table; per lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Long Orange or Surrey.—A popular field variety, large, fine quality, and tapers regularly to a point; per lb., 30c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Our New Short White.—See testimonials below and full description next page.

Large White Belgian.—*French saved seed.* (Extra clean, rubbed and sifted); a very productive variety, grown almost exclusively for stock-feeding; color, green on top and white below; per lb., 35c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

Large White Belgian.—*English saved seed.* (Clean rubbed), the same variety as above, but not quite as clean; per lb., 30c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

White, Green Topped Globe.—French saved seed, and extra clean rubbed. Improved variety of White Belgian, shorter and much larger roots; per lb., 40c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

Yellow Belgian.—Not so heavy a cropper as the White Belgian; per lb., 60c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

White Vosges.—Very large but short roots; per lb., 40c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

TESTIMONIALS

OUR NEW SHORT WHITE CARROT

Mr. W. P. Bowen, the well known horticulturist of the Nepanee Road, grew a mammoth carrot 31 inches in length, 18 inches in circumference and weighing 7 lbs. 8 oz. It is one of Steele's Improved White, and has been admired this week by scores of visitors, not only for its mammoth proportions, but for its symmetrical shape. Mr. Bowen also has one of these roots which measures 30 inches in circumference.—*Napanee Express.*

I saved your New Short White Carrot last season, and have never found anything to beat them. A. J. BURDETTE, Hells, Mich.

Your New Short White Carrot did remarkably well. Are the largest I have ever eaten. J. E. WREN, Metsqui, B.C.

I was well pleased with your Seeds last year, particularly your New Short White Carrots, which yielded an immense crop. J. DINSMORE, North Arm, B.C.

The New Short White Carrot purchased from you last season produced a Tremendous Yield. These Carrots have been pronounced by all who have tasted or seen them as the finest and best yet seen. They yielded weak macropodous and the quality A1. E. W. BUTLER, Deer Park, Ont.

I never saw as large a crop of Turnips and Carrots as I had last season from the seed purchased from you (New Short White Carrots). Weights of some Enormous Carrots weighed 3 lbs. each.

I took the prize at all the leading shows in the Province. J. REECE, Chilliwhack, B.C.

It is much pleasure to inform you that the seed received from you last spring gave every satisfaction. Your New Short White Carrot was splendid. I estimate my yield at 50 tons to the acre, and shall be double my order for this spring. JOHN OLIVER, Mud Bay, B.C.

WE BELIEVE CANADA HAS A GREAT FUTURE BEFORE HER. DON'T YOU?

CARROT,
Our Improved Short White

Since the introduction of this new Carrot in 1886 the constantly increasing demand has been so great, as its becoming known, that our crop of seed each season has not been sufficient to supply the wants of our trade. This season, however, we have a full supply.

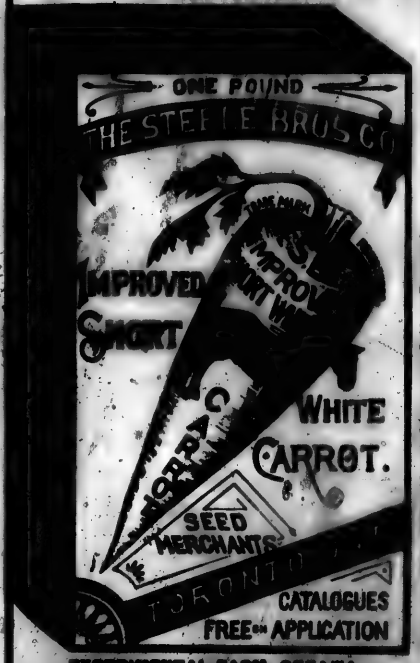
Every grower who has used this carrot acknowledges our claim for its being the largest and heaviest cropping carrot known, and unequalled in feeding or keeping qualities. The roots are short, very heavy at the shoulder, regularly tapering to a point (*see illustration*), of uniform shape and smooth; of a light green color above ground and white beneath; flesh rich white, solid, crisp and of sweetest flavor. No other carrot grows so easily harvested. No other new variety of field roots has gained such favor and demand in so short a time.

It has now been tested in nearly every section of the Dominion, and from every quarter of it has received the very highest recommendations. Its fine smooth shape and uniformity in size and appearance is the admiration of every one who has seen it. We know of no other variety that will give the same unqualified satisfaction or that has received so many flattering testimonials from everybody. (*See Testimonials, over*).

As a safeguard to those who desire to grow the favorite carrot, we supply it only in **sealed packages bearing our trade mark**, as represented in the illustration, and handsomely printed in colors; the ends of the packages are covered with a red label, bearing our name, which is also a mark of genuineness.

Packages will be found in most of our seed cases which are supplied merchants.

Price per lb., 30c.; ½ lb., 20c.; ¼ lb., 20c.; flat pkg., 10c.



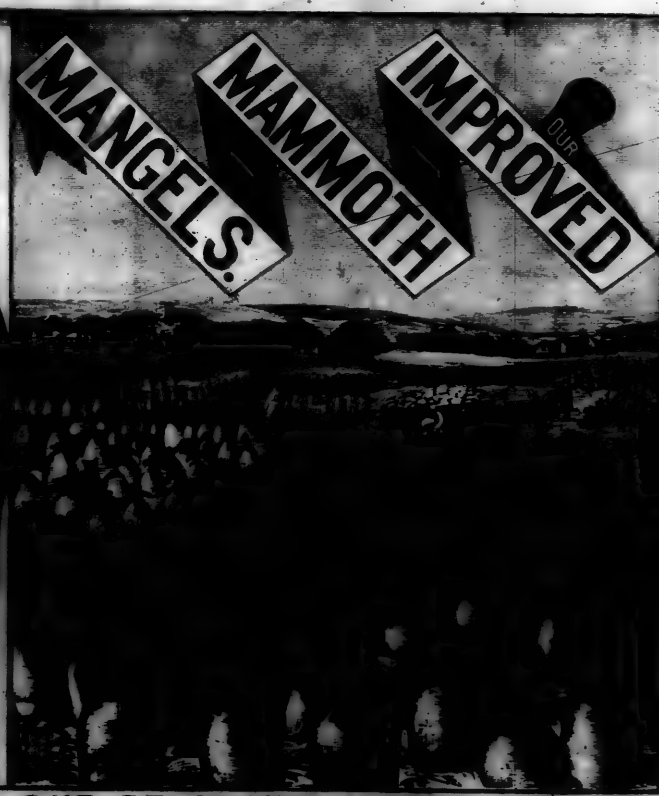
This is the Identical Shape of the Carrot.

EXPERIMENTAL FARM, OTTAWA.

Gentlemen,—Your SHORT WHITE CARROT has been quite a success with us, and has yielded fifty tons per acre. This is THE FINEST CROP OF CARROTS WE HAVE EVER GROWN here, and the roots turned out very uniform and remarkably regular and well grown. WM. SAUNDERS, Director.

Stanton Industrial School raised 800 bushels per acre this season.

Sold Only in SEALED PACKAGES, as Shown Above. Be Sure You Get It. IT WILL PAY YOU.



OUR SELECTED MAMMOTH LONG RED MANGEL

There is no other root crop grown which produces so large an amount per acre of desirable cattle food for winter feeding as the Mammoth Long Red Mangel. Under high cultivation over 2,000 bushels per acre have been grown. To secure the best results good seed must be sown. Our strain of Mammoth Long Red is exceptionally fine and expressly grown for our own trade and from selected well-shaped roots. Dealers and growers who have used it for years past prefer it to any other Long Red variety. Has a distinct appearance; roots are massive, straight and regular in size, broad shouldered, small top, free from coarseness and of most excellent feeding and keeping qualities. Per 10 lbs. or more 35c.; 1 lb., 50c.; ½ lb., 10c.

Our New Giant Yellow Intermediate Mangel

A great improvement on Yellow Intermediate, of considerably larger size, growing more than half above the ground. Remarkably even in shape, rather elongated, of vigorous growth, and has a fine neck; flesh white, firm and sweet. We highly recommend this new variety, as it makes a magnificent root, is easily lifted from the ground, produces enormous crops and is an excellent keeper. Per 10 lbs. or more, 35c.; 1 lb., 40c. ½ lb., 10c.

See page 85 for list of our Fertilizers, Superphosphate, Ground Bone, Guano, &c., &c.

MANGEL WURZEL, GROWN FROM SELECTED ROOTS.

For a good crop of Mangels the ground should be prepared the same as for cabbages, selecting a deep, rich loam. The heaviest crops are invariably grown upon land which has been liberally manured and, thoroughly cultivated. Artificial manures applied at the rate of from 500 to 1,000 pounds per acre, with the addition of 200 to 400 pounds of salt, will increase the yield per acre to a very large and profitable extent. Sow any time from the middle of April to the end of May, in drills from 2 to 3 feet apart, at the rate of from 5 to 6 pounds per acre, covering the seed a uniform depth, and thinning to 12 or 15 inches in the row. The long varieties do best in a deep, mellow loam; the round varieties the same, if possible, but will succeed on strong, stiff land. Sow 5 to 6 lbs. per acre.

OUR MAMMOTH LONG RED. (See Previous Page).

Long Red, Selected Stock.—Produces roots of immense size, long, stands a great deal out of ground; color light red, flesh white and rose; firm and crisp. Our stock is of a superior quality. Per 5 lbs., 25c.; 1 lb., 25c.; ½ lb., 10c.

Long Yellow.—Color light yellow, flesh white, not so large in size nor so heavy in product, but by many preferred to the preceding. Per 5 lbs., 25c.; 1 lb., 20c.; ½ lb., 10c.

Champion Giant Long Red.—Similar in form, size and color to Mammoth Long Red, and differing from it only in name. Per 5 lbs., 25c.; 1 lb., 20c.; ½ lb., 10c.

Red Tankard.—Similar in form to the Yellow-Fleshed Tankard, but rather fuller at the shoulder, and holding its size well to the bottom. Very solid and productive. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

Golden-Fleshed Tankard.—The most nutritious variety in cultivation, roots large, ovoid, but filled out at top and bottom, terminating with a small tap root; flesh deep golden yellow, solid, crisp, sweet and rich; excels all others in milk-producing qualities, and very productive. It has no superior as a keeper. We have known mangels of this variety to be kept sound, crisp, and in full favor till October. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

Yellow Globe Scotch.—Similar in Red Globe except color, equally productive; color, light yellow, handsome shape and good keeper. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

Red Globe.—A large, round variety, of excellent quality, productive and a good keeper; color, light red, flesh white. It is better adapted to shallow soils than the long varieties. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

TURNIPS FOR FALL FEEDING

YELLOW AND WHITE VARIETIES.

The following varieties are not so well adapted for late winter feeding as the Swedes; being of finer and quicker growth, are coarser in texture, and when kept too long in winter become spongy and lose their fine feeding qualities; but for fall and early winter feeding are grown with profit, producing a great bulk per acre, and may be sown much later in the season than the Swede varieties. Sow 2 lbs. per acre.

Purple-top Mammoth or Improved Green Stone.—This variety will produce a greater weight per acre in a given time than any other Turnip, and is most useful on very poor soils, on which it will grow remarkably heavy crops. Flesh very solid and nutritious. Fine shape, a certain cropper, and will stand the winter well if sown late in the season. Per 5 lbs., 27c.; 1 lb., 20c.; ½ lb., 10c.

Red Globe, Norfolk.—Medium sized; skin red, where exposed to the sun, below ground, white; should be fed early. Per 5 lbs., 27c.; 1 lb., 20c.; ½ lb., 10c.

Red-top, Strap Leaf.—One of the best of the flat Turnips for the garden or field. Early, hardy, very prolific, of excellent quality. It is one of the best for late sowing. The bulbs are flat, smooth and regular in form; flesh, clear white, and remarkably well-flavored. Per 5 lbs., 25c.; 1 lb., 40c.; ½ lb., 20c.; 1 oz., 10c.

Improved White Globe.—Roots globular. On rich soil they will grow to a very large size, sometimes weighing fifteen pounds and over. Better adapted to early feeding than for the pit. Per 5 lbs., 25c.; 1 lb., 20c.; ½ lb., 10c.

American Yellow, Purple-top.—An excellent variety for early winter feeding, and deserves to be grown more generally. Per 5 lbs., 27c.; 1 lb., 20c.; ½ lb., 10c.

Aberdeen Yellow or Scotch, Green-top.—Similar in form and size to the preceding; the bulb is bright green above, and yellow flesh. Per 5 lbs., 27c.; 1 lb., 20c.; ½ lb., 10c.

Gray Stone.—A very useful kind of turnip, which produces an immense crop, of excellent quality; it is of great value for feeding off early, and well adapted to late sowing. Per 5 lbs., 27c.; 1 lb., 20c.; ½ lb., 10c.

SWEDES (Grown from Selected Bulbs)

Our stock of Turnip Seed has been grown from carefully selected bulbs by growers of the highest standing in England and Scotland, and includes the most desirable varieties in cultivation. Sow 2 to 3 lbs. per acre.

OUR SELECTED PURPLE-TOP (See Next Page.)

ELEPHANT OR MONARCH SWEDE.—This new Swede was introduced in England two years ago, and has met with remarkable success there, as evidence from many sections proving it to be an immense cropper, and it has given rise wherever shown. We are pleased to be able to offer it to our Canadian customers as one well worthy of trial. It resembles in shape Golden Tankard Mangel, the flesh is rich creamy yellow, and the crown of the root is of a rich purple color. Elephant Swede stands well out of the ground, and is a giant compared with many varieties. It is uniform in size and is absolutely hardy. Price per lb. 50c.; ½ lb. 30c.; ¼ lb. 20c.

Turnip, Sangster's Improved, Purple-top.—A standard variety, large size, small neck, and yields well. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

Carter's Imperial Hardy, Purple-top.—An excellent field variety. It is a hardy sort, and yields heavily. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

East Lothian Improved, Purple-top.—Bulbs large, rich purple, top, and stands well out of the ground; hardy and of good quality. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

Highland Prize, Purple-top.—One of the largest and heaviest cropping Swedes grown in Scotland; by constant and careful selections the originator has attained perfection in form, the bulbs being of handsome oval shape, with small neck and single tap root, uniform in size, very rich in quality, and an excellent keeper. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

Lord Westbury, Purple-top.—A favorite with many Canadian growers; large round variety, and a good keeper. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

Hartley's Bronze-top.—Oval-shaped bulbs, large and solid, small neck and single tap root, rich in quality, productive, and a good keeper. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

Green-top Swede.—A large handsome shaped bulb with small top; does well on light, rich soil. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

Improved Swede.—A new and distinct variety; the flesh is fine and white, while its hardy, heavy cropping qualities are superior to most sorts, and adapted to either field or garden cultivation. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

King of Swedes, Purple-top.—Solid and good flavor; a heavy cropper. Per 5 lbs., 20c.; ½ lb. 20c.; ½ lb., 10c.

Kirkwood, Purple-top.—Largely grown by leading agriculturists in Scotland; great weight and exceedingly hardy. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

Laing's Improved, Purple-top.—A handsome shaped variety, of medium size, very small neck and excellent flavor; requires rich soil. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

Marshall's Purple-top.—Globe-shaped, large, hardy, and of fine quality. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

Royal Norfolk, Purple-top.—A heavy cropper, very nutritious, and a good keeper; a favorite variety for stiff, heavy land. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

Skirving's Improved, Purple-top.—Very large, short neck, a handsome shaped variety. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

Sharpe's Improved, Purple-top.—Similar to the Skirving in habit, small top and tap root, and large bulb; a heavy cropper. Per 5 lbs., 20c.; 1 lb. 20c.; ½ lb. 10c.

Sutton's Improved, Purple-top.—A robust grower, heavy cropper, and an excellent keeping variety. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

Sutton's Champion, Purple-top.—Highly recommended for its handsome shape and keeping qualities. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

White Swede.—Assumes a large size, very hardy and an excellent keeper; flesh fine, solid, rich and sweet. Per 5 lbs., 20c.; 1 lb., 20c.; ½ lb., 10c.

Our New Giant Yellow Intermediate Mangel

A great improvement on Yellow Intermediate, of considerably larger size, growing more than half above the ground. Remarkably even in shape, rather elongated, of vigorous growth, and has a fine neck; flesh white, firm and rich. We highly recommend this new variety, as it makes a valuable root, is easily lifted from the ground, produces immense crops and is an excellent keeper. Per 10 lbs. or more, 30c.; 1 lb., 40c.; ½ lb., 10c.

See page 65 for list of our Purchasers, Superintendents, Ground Bone, Guano, &c., &c.

Our Selected Purple Top Swede

The Very Finest Strain of Purple Top Swede Turnip in Cultivation.

Produces large, sound, perfectly shaped bulbs, with very small top; flesh, rich yellow, firm, free from coarseness and of excellent table quality; skin yellow, with a deep purple top. A splendid keeping variety. There is no other sort which we have ever grown that yields a more uniform sized and handsome crop, or that will produce a greater weight, if as much to the acre, which has been repeatedly proven on actual trials. The Turnip being one of the staple root crops in Canada, it has been our endeavor to obtain a variety of unmixed merit, and such that we could depend upon from year to year. This variety has fully realized our expectations for the past eight years, and having become the universal favorite with the leading root growers in Ontario, the demand has so increased as to require thousands of pounds annually to fill our orders.

At the Toronto Industrial Exhibition, where we have the largest and most active competition of roots in the Dominion, this variety obtained first prizes; and in a field trial this is what one grower writes: "I put five different kinds of Turnip Seed here yesterday, and right drills of eighty rods each kind. Steele Bros.'s & Co.'s 'Selected' gave me sixty bushels more than the others, which were about alike."

J. W. Laird, Orangeville, Ont., writes:—"I have tested this season three different varieties of Turnip Seeds, and I find your 'Selected' to yield fifty per quarter more Turnips to the acre than any of the other kinds. I have taken first prizes with your 'Selected' Turnips at four different fairs. Bitt Turnips Weighed 116 lbs."

We also have the following reports showing the immensely productive qualities of this Swede.

Wm. Innes, Port Hammond, B.C.,	6	Turnips	weighed	116 lbs.
J. Gish, Brookside, Ont.	6	"	"	200 lbs.
C. Thompson, Woodford, Ont.	6	"	"	200 lbs.
W. Ford, Quadra, B. C.	6	"	"	237 lbs.
	6	"	"	250 lbs.

or an average of 34 lbs. each.

In our own field trials for several years past, including every variety upon our list, the results have been in same proportion of yield, proving without question that it is this Selected strain and variety you should have.

As a protection to ourselves and customers we only send out this 'Selected' Swede in Sealed Packages, put up in pounds, as shown by above engraving, also in half pound and quarter pound packages, each packet is handsomely printed in colors and covered at the ends with a red label bearing our name and address as a safeguard to those buying this 'Selected' Swede; under no circumstances whatever do we offer to sell it otherwise than in packages.

Price, per lb., 20c.; 1-2 lb., 20c.; 1-4 lb., 15c.

THIS SWEDE TOOK FIRST PRIZES AT AYLMER, ST. THOMAS AND TILLSONBURG

IF YOUR DEALER DOES NOT KEEP IT, SEND DIRECT TO US FOR IT. DONT FAIL TO USE IT.

OUR GIANT PROLIFIC SWEET ENSILAGE CORN

THE BEST VARIETY FOR GREEN FODDER OR ENSILAGE

Our claim for this new Ensilage or Fodder Corn is, that it is especially valuable in having less stalk and more leaf than any other corn. **One acre is worth eight acres of ordinary pasture.** Where pasture is scarce and expensive, it is the best and cheapest feed that can be grown for feeding in a green state to stock of all kinds. It keeps them in good flesh and is a great milk producer. Every farmer should provide an acre or more for feeding when pasture grows short.

It grows **twelve to sixteen feet high**, under good cultivation, the stalks are sweet, juicy, tender, and covered with long, broad leaves.

More fodder can be grown from this corn than any other, and when well cured it is quite equal in value to hay. Beef can be made cheaper with it than with hay and corn; it will increase the milk and cream production ten per cent., as well as furnish cheap and acceptable provision for stock until end of season.

Silo owners, dairy farmers and stock growers should give this corn a trial the present season.

To obtain the heaviest crop plant in hills from 2½ to 3 feet apart each way, leaving four strong plants to each hill, and keep thoroughly cultivated. Fifty tons per acre have been grown the past season under this mode of cultivation.

Price per lb. (post paid), 15c.; peck 35c., purchaser paying carriage; per bushel, $1.25; 2 bushels, $2.40; 3 bushels and over, $1.10 per bushel; bags 20c. each, free on cars Toronto.

(Our Registered Trade Mark

This variety is grown extensively at Agricultural Colleges, OTTAWA and GUELPH

GIANT P. SWEET E CORN

Special Prices for Large Quantities. NONE GENUINE UNLESS BEARING OUR TRADE MARK

A NEW ENSILAGE OR FODDER CORN.

THE STEELE BROS. CO'S.

"THOROUGHBRED WHITE FLINT"

30 TONS PER - - ACRE - -

ALWAYS on the look out for any reliable Seeds that will advance the interest of the farming community, we are pleased to state that in the above new variety of Corn, will be found one that we are confident has come to stay, and that will increase the yield per acre over other varieties of Ensilage Corns. Of spreading habit, not more than one kernel should be grown in the hill. Its great suckering habit, breadth of blade, and smallness of stock recommend it as a Fodder Plant, while for Ensilage purposes it is most valuable. This with our "GIANT PROLIFIC SWEET ENSILAGE," will now rank as the leading sorts for Silo purposes.

Our Stock for the Season is Limited.

So Please Order Early.

EXPERIMENTAL FARM, OTTAWA,

Messrs. STEELE BROS. CO.

IN reply to your letter of November 18th, asking my opinion of a variety of Indian Corn, known as Thoroughbred White Flint, I would say that this variety of Corn has been grown on the Central Experimental Farm for the last three years, and compared with a large number of other sorts, and I consider this to be the most promising of all that has been tested here. It stools very freely, is very leafy from bottom to top, and matures earlier than the large growing dent varieties tested here; it has also averaged with us a greater weight of Fodder, one acre grown last season, cut green for Ensilage, was found to weigh over 30 tons.

Yours very truly,

WM. SAUNDERS, Director.

VICTORIA INDUSTRIAL SCHOOL.

Mimico, Nov. 28th, 1890.

Gentlemen:—In regard to the new corn, Thoroughbred Flint, sent us for trial, I would say: The corn was planted May 20th, on poor land, sand and loam, treated to a light dressing of artificial fertilizer, between 400 and 500 lbs. per acre. It was planted at the same time and beside the Sweet Ensilage, its rows 3½ feet apart, and plants singled to 2 feet in the row. Result: Corn grew 8 to 9 feet high, very stout; each plant stooled out and looked like hills of 4 to 6 plants, a large amount of leaves to the plant, but very few cobs; I suppose on account of late planting, but as a Fodder Corn—it produced about one-sixth more than the other kinds growing beside it. Yours truly,

W. W. BURGESS, Farm Manager.

The Steele Bros. Co., Toronto.

Price per lb., post-paid, 25c.; 5 lbs. post-paid, $1.00; per peck, purchaser paying expense, $1.25; ½ bushel, $2.00; per bushel, $3.50; 2 bushels or over, $3.25; bags, 20c. each.

Selected Recleaned Seed Grain

WE DEVOTE special care to the selection of our Seed Grain. All supplies are procured from the purest and cleanest seed that it is possible to obtain, and before it is sent out we thoroughly recleaned it that the quality may be perfect. Prices will at all times be as low as the market and superior quality will admit. We shall be pleased to quote prices and send samples on application, where prices are not given. Cotton bags furnished in filling orders, at 20 cents each.

OATS

AMERICAN BANNER. These oats are a desirable acquisition, and should be tried by all farmers. Reports from all quarters, where they were sent last season indicate universal satisfaction. They have been grown four years, and are distinct from any other variety hitherto in the market. They have not shown the slightest tendency to rust, and have invariably yielded crops largely in excess of Welcome and American Triumph, etc. Over one hundred bushels of the "American Banner" have been raised to the acre. Two fields of this variety yielded 70 bushels to the acre from land which had no fertilizer. An adjoining field of common oats produced 35 bushels to the acre. Mr. John Miller, of Markham, raised 90 bushels per acre, in 1888; and 96, in 1889. His neighbor, Mr. Hotchine, got 95 bushels from an acre, as against 30 bushels of "New Zealand," in the same field. **THIS PAYS.** The grain is large, white and plump, weighing from 36 to 45 pounds to the measured bushel. Ripens quick early. Straw is stiff, of good strength, but not unusually heavy, bearing the grain in long, symmetrical heads. These oats tiller freely, and can be sown thinner than is customary. Price, post paid, 1 lb., 20c.; 5 lbs., 75c.; by express or freight, at expense of purchaser, peck, 35c.; ½ bushel, 60c.; 1 bushel, $1.00; 5 bushels or more at 80c. (bags 20c. each)

WIDE AWAKE.—Claimed by the originator an improvement on most of the heavy sorts, superior in yielding qualities, hardness and vigor; the straw is very long and stiff, attaining an average growth of four to five feet, and is less liable to rust than other varieties; has long branchy heads filled with good plump oats, weighing 38 lbs. per bushel; remarkably productive, yielding 65 to 125 bushels per acre, according to the nature and condition of the soil. This variety has been thoroughly tested, and proved to be a superior sort, both in quantity and quality. Price, postpaid, 1 lb., 25c; 5 lbs., 75c.; express or freight, peck, 35c.; ½ bushel, 60c.; 1 bushel, $1.00; 5 bushels or more 80c. (bags 20c. each).

EARLY ENGLISH WHITE, or Canadian Triumph.—This new white Oats has given great satisfaction where grown. The straw is long, upright and strong, with panicles completely covered with close set grains; the latter are very plump, shoty, heavy, weighing from 48 to 50 pounds per measured bushel. They are exceedingly early, being from ten days to two weeks ahead of the ordinary varieties in harvesting. This merit alone should induce a trial with all who have experienced a loss from early frosts. For productiveness they are second to none. Free on cars, Toronto (bags included), per bush., $1.00; 5 bushs. or over, 80c.; by mail, 25c. per lb.; or 5 lbs. for 75c. (postage pre-paid).

Black Tartarian, Welcome, Egyptian, White Australian and other popular varieties of seed oats. Each, 20c. lb., or 5 lbs. for 75c. by mail, post-paid; by freight or express, per bushel, $1.00; 10 bushels and over, 75c. Bags, 20c.

BARLEY

CARTER'S PRIZE PROLIFIC.—This is the variety the Dominion Government imported last year, and which has done so successfully here. Our stock was grown for us by two of the best farmers in the Province and has been thoroughly recleaned. It has been thoroughly proved this season that one can raise in Canada first class barley that will bring remunerative prices in England. Our stock is not very large, and early orders are requested. Price per bushel, $1.50. Prices for large quantities on application. Bags, 20c. each.

DUCKBILL TWO ROWED.—The sample of this new variety was sent over to England for competition. Although arriving too late to take a prize, yet was highly recommended by the judges. It will malt with Chevelier or Prize Prolific, and will be in demand for English trade. It stands up hold and strong. Price per bushel, $1.00. Prices for large quantities on application. Bags, 20c.

Canadian Six Rowed.—This is the ordinary six-rowed variety, of which we have a very select stock, carefully recleaned. Price on application.

PEAS

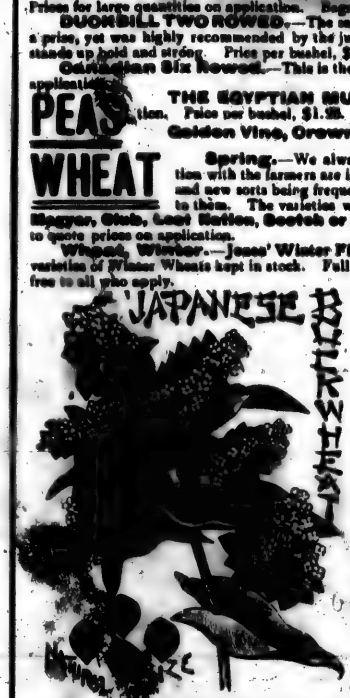
THE EGYPTIAN MUMMY.—The largest field pea in cultivation, and one we feel confident will give every satisfaction. Price per bushel, $1.25. Prices for larger quantity on application.

Golden Vine, Crown, Blue Prussian, Marrowfat.—All at market prices.

WHEAT

Spring.—We always endeavor to have on hand a full stock of choice Seed Wheat, and from our extensive connection with the farmers are in a position to obtain the finest samples grown. There are many varieties of Spring Wheat grown, and new sorts being frequently introduced, few of which prove desirable, as all soils and climatic influences are not adapted to them. The varieties which have succeeded best in various parts of the country are **Ladoga, Colorado Spring, Egyptian, Club, Lost Nation, Scotch or Red Fife, White Fife, White Russian,** and **Wild Goose or Arnautka.** We will be glad to quote prices on application.

Wheat, Winter.—**Jones' Winter Fife, Early Red Clawson, American Bronze, Canadian Velvet Chaff, Golden Cross,** and other varieties of Winter Wheats kept in stock. Full Catalogue of Winter Wheats, Grass Seeds, etc., is issued about August 15th of each year, and sent free to all who apply.



Sugar Cane, Early Amber.—Makes an excellent green feed for cattle. Should not be sown until the ground is warm. New 12 pounds per acre. Per lb., 15c.; post-paid, 25c.

Broom Corn.—Per lb., 15c.; post-paid, 20c.

BUCKWHEAT. (Prices subject to fluctuation.)

New Japanese.—A novelty of sterling worth. It is enormously productive; the kernels are nearly twice the size of any other variety and of a distinct shape; the color is a rich dark brown; very heavy straw, branches more and does not need to be sown as thickly as other sorts. Per lb., 20c. (post free); peck, 35c.; bushel, $1.00.

Common Variety.—Per peck, 25c.; bushel, $1.00.

Silver Hull.—Superior to the common variety; in bloom longer, matures sooner and yields much more per acre; thin husk and of a silver grey color. Per lb., 15c. (post free); peck, 30c.; bushel, $1.00.

CORN

(Prices for quantity on application.) Especially selected and saved for seed; we furnish it either on ear or shelled. (*See Vegetable Seeds for Garden Varieties*).

Angel of Midnight.—An exceedingly early eight-rowed variety, ears 12 to 15 inches long; kernels yellow; grows about 6 feet, with often 2 large ears to a stalk. Per lb., 20c. (post-paid); per bushel, shelled, $2.00.

Compton's Early.—Very early and prolific; grows ten feet high and has two to five ears on stalk; ears from ten to fifteen inches long and very large; grain yellow. Per lb., 15c., (postpaid); per bushel, shelled, $1.00.

Eight-Rowed Yellow, or Learnington.—A Standard variety; grain bright yellow. Per lb., 15c., (postpaid), 1 bushel, $1.50.

Large White Flint.—An excellent productive variety; ears good size, pearly white and of a beautiful appearance. Per lb., 20c., (postpaid); 1 bushel, shelled, $1.50.

Longfellow.—This handsome yellow variety can hardly be excelled; it is an eight-rowed yellow flint sort. Per lb., 25c. (postpaid); 1 bushel, shelled, $1.50.

Golf-Stumbling.—A new variety, of dwarf habit, and very early. The ears are large, averaging ten inches in length, while the cob is small; grain of an amber color; often produces three ears on a stalk. The main feature of this corn is its habit to strip itself clean of its husk when ripe. Per lb., 25c. (postpaid); peck, 75c.; bushel, $2.00.

Horse Teeth, or Dent.—Sown exclusively for cutting when green for feeding purposes. Price on application.

Red Cob Ensilage.—Next to "Giant Prolific Sweet Ensilage," it has no superior for yield or feeding qualities. Prices on application.

Ears of any above varieties, 5c.; 60c. per dozen (postpaid).

MISCELLANEOUS.

Prices of any of the following will be furnished on application.

Beans.—Small White Field and Marrowfat.

Peas.—For sowing or feeding.

Rye.—Spring and Fall Sowing varieties.

Vetch.—Spring, Black and White.

Sunflower.—Common, per lb., 20c.
" Russian, per lb., 20c.

Wild Birds (with directions for sowing)—Per lb., 35c. post-paid.

All seeds not priced furnished at lowest market rates. These prices by the peck and bushel must be sent by express or freight, at purchaser's expense. When ordering Seed Grain, 20c. each for bags must be remitted to prevent its being deducted from amount sent.

SEE DESCRIPTION OF OUR NEW OATS FOR 1891. NEXT PAGE.

A NEW OAT FOR 1891

STEELE'S WHITE CAVE OAT

$10 PRIZE

We will give a prize of $10 to the purchaser of 5 lbs. or over of these oats who produces the heaviest yield in 1891. A sworn certificate duly attested by 3 witnesses to accompany each report of return.

WE HAVE the pleasure of offering this season a remarkably New White Oat, "Steele's White Cave," one that we feel assured will give the greatest satisfaction. This Oat has been carefully selected during the past six years, it was selected in 1886 as a single oat from a field, and since that time has been kept entirely pure, the seed having been hand-picked for four succeeding years. Each year since 1886 the crop has been the most promising of any oat in the sections in which it has been tested. Last year 500 ounce parcels of these oats were sent out to various parts of the Dominion by the "Farmers' Advocate," and the growers asked to report. In every instance where replies were received, they were entirely satisfactory.

Steele's White Cave is a strong growing white side oat, ripening just before spring wheat, the straw is bright and strong, the heavy white, and on trial plots has yielded upwards of 75 bushels per acre, and in field, presented in straw, crop, and head, a very beautiful appearance. Our supply is limited for this season. 3lb. $2.00; 1 bush. $3.50; 2 bush. $6.00; bags, 50 cents each.

TESTIMONIALS FROM LEADING FARMERS

WHITE OAK, Thorndill Farm, Dec. 8, 1890.

From one half bushel of White Cave Oats sown May 7, 1890, we gathered this variety was worth noticing. We find them to be very strong growers, remarkably free from rust and blight. The straw is cold and bright, growing to good length. The heads are large and clean, the kernels having a very handsome appearance when growing, and resembling the black Tartarian when green, ripening about 8 days before this variety on the same land. They are the most prolific of any oat we have yet tried, and will easily yield 70 to 80 bushels per acre, with fair treatment. To those who wish to grow a first-class milling oat we can heartily recommend them. SQUIRE BROS.

GLANWORTH, ONT.

The White Cave Oats that I saw growing on the farm of Messrs. Shera Bros, White Oak, was the most promising I have seen during the past season, and should yield most abundantly. When I saw them shortly before harvest they had made a most vigorous growth, standing very thick on the ground, the straw being a good length and very bright and stiff. The crop was remarkably low, and was particularly attractive. They should prove a great acquisition as the grain is thin in the skin and heavy.

W. S. HAWKSHAW, F.R.S.

COLUMBUS, ONT. Dec. 6, 1890.

DEAR SIR,—I have carefully examined The White Cave Oats when growing in the field, and from reports and observations, I have concluded it is a very superior sort, being a heavy yield. The straw and grain are most desirable.

Yours truly,

(Signed)

WM. SMITH, M.P.

AGRICULTURAL : GRASS : SEEDS

THE laying down of land to permanent pasture has become one of the most important sections of agriculture, and it is the duty of all who are interested in the subject to make known any fact or improved system that may add to the store of information already formed upon the subject. The following varieties are the most valuable for agricultural purposes, and as a guide to those who may wish to make their own selections, we give a few particulars respecting their habit and use; but to those who are not conversant with the subject, we would recommend our mixtures, which are especially prepared for different purposes and classes of soils.

Crested Dogstail. (Cynosurus cristatus).

This grass may be advantageously sown on lawn and other places to be kept under the scythe; forms a close turf, remaining green longer than any other variety. It is valuable for sheep pastures; succeeds on dry, hard and gravelly soil. Height from 1 to 1½ feet. Sow 25 lbs. per acre. Per lb., 40c.; post-paid, 50c.

Creeping Bent Grass.—(Agrostis stolonifera).

An excellent variety for pasture, when mixed with other grasses; succeeding well in most situations, and thrives in moderately moist land over which water does not stagnate. Sow 40 lbs. per acre. Per lb., 25c.; post-paid, 30c.

Evergreen Meadow Grass.—(Poa compressa).

Its chief characteristics are perpetual greenness; earliness in spring, and the rapidity with which it reproduces leaves and stems after being eaten or cut down; in addition to which its thick growth, fineness of foliage and capability of growing under the shade of trees, renders it a most desirable grass for lawns and parks or pasture grounds. Sow 40 lbs. per acre. Per lb., 35c.; post-paid, 40c.

Hard Fescue.—(Festuca durinscula).

Thrives in a great variety of soils. It may be classed amongst the best grasses for general purposes, and produces a great weight of fodder, and is found to resist the effects of drought in a remarkable degree. It grows easily; the foliage is succulent and nutritive. Height, 1½ feet. Sow 30 lbs. per acre. Per lb., 20c.; post paid, 25c.

Italian Rye Grass.—(Lolium Italicum).

Is one of the most valuable grasses in Europe, being equally suited to all climates. In England it is considered the best known grass to cut green for soiling, affording repeated large and nutritive crops. We recommend it here for use in pasture mixtures. Sow 40 lbs. per acre. Per lb., 15c.; post-paid, 18c.

TRUE Kentucky Blue Grass.—(Poa pratensis). Very scarce this season.

Also known as "Green Grass," "June Grass," etc.; thrives on a variety of soils, but does best in dry and somewhat shady locations; it requires several years to become well established in the ground as a pasture grass; very valuable, as it will stand the hottest summers. Sow 40 lbs. per acre. Per lb., 25c.; post-paid, 30c.

Canadian Blue Grass. (Poa compressa).

Somewhat like Kentucky—and as price is lower than above may be used as a substitute. Per lb., 15c.; post-paid, 25c.

Meadow Fescue or Sweet Grass.—(Festuca pratensis).

One of the most valuable grasses we have; thriving in almost all soils, and is used in all good mixtures. Makes excellent hay, early and nutritious, abundantly productive, always succulent and tender, and one of the best natural grasses in existence. Height from 2 to 3 feet. Sow 40 lbs. to acre. Per lb., 20c.; post-paid, 25c.

Meadow Foxtail.—(Alopecurus pratensis).

This is a favorite grass in England, both for meadows and pasture. It grows early and abundantly, and gives a large quantity of aftermath. It is best suited to a moist soil, bog, clay or loam. Sow 30 lbs. per acre. Per lb., 30c.; post-paid; 35c.

Orchard Grass.—(Dactylis Glomerata).

Widely known as one of the most valuable grasses. Its rapidity of growth, the luxuriance of its aftermath, and its power of enduring the cropping of cattle, commend it highly as a pasture grass. It blooms earlier than Timothy, and about the same time as a common red clover; making an admirable mixture for meadows to cut and cure for hay. As a pasture grass feed it close, to prevent it forming thick tufts; less exhaustive to soil than Timothy; stands drought better than most grasses, keeping green and growing when others are dried up. Sow 25 lbs per acre; per bushel, price variable; per lb. 20c.; post-paid, 25c.

Perennial Rye Grass.—(Lolium perenne).

Suitable to a great variety of soils, the facility with which it is propagated and the fibrous structure of its roots, which fits it in an eminent degree for alternate husbandry, and largely used in mixtures for permanent pastures, but better for those intended to produce crops of more limited duration. It yields an abundance of foliage, and is valuable as a hay crop, for which purpose it should be cut when in blossom or soon after. Sow 48 lbs. per acre; per lb. 10c.; post-paid, 15c.

Red Top.—(Agrostis Vulgaris).

Thrives best on low grounds, where it cuts a good crop of rather light hay of fair quality. Suitable for low pastures. Sow 28 lbs. per acre; per lb., 10c.; post paid, 15c.

Sweet Vernal.—(Anthoxanthum odoratum). (True Prussian).

Its chief merits are its early growth, and continuing to throw up its root foliage until late in autumn. The fragrant odor which the leaves emit when dying improves and sweetens the hay. It is recommended in mixtures. Height from 1 to 2 feet. Sow 20 lbs. per acre; per lb., 75c.; post-paid, 80c.

Sheep Fescue.—(Festuca ovina).

This grass grows naturally on light, dry sandy soils; inferior to the other Fescues, but from being succulent and nutritious it should always enter into the composition of sheep pastures, as they are very fond of it, and mutton from such pastures is of the finest flavor. Average height, 15 inches. Sow 20 lbs. to the acre; per lb., 20c.; post-paid, 25c.

Tall Meadow Oat Grass.—(Avena elatior).

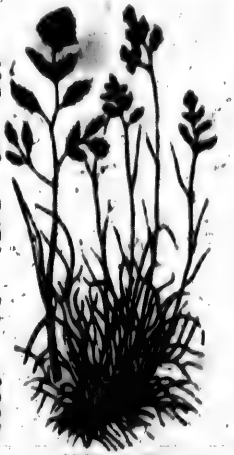
This grass may be found useful for sowing upon lands when a coarse forage is required, or on soils of inferior description, and such as are incapable of supporting the more desirable varieties. Well adapted for dry soils. Sow 36 lbs. to the acre; per lb., 25c., post-paid, 30c.

"GRASS IS KING."—It embraces one-sixth of the whole vegetable Kingdom, and is the true basis of agriculture in the highest condition.

AGRICULTURAL GRASS SEEDS

(Continued)

MEADOW FESCUE



ORCHARD GRASS

Timothy.—(Phleum Pratense.)

A grass so well known needs no description, except that for a hay crop on moist, peaty or clay soils, it will produce a larger crop than any other one sort; it is not so well suited for light sandy soil. Sow 15 lbs. per acre. Per bu., prices variable; per lb. 10c.; post paid, 15c. Samples and prices on application.

Wood Meadow Grass.—(Poa Nemoralis.)

There is no grass better adapted for planting in shady places, particularly under trees, as it will not only grow in such places, but forge[illegible] where few other grasses can exist. Sow 35 lbs. to the acre. Per lb., [illegible] paid, 40c.

Water Meadow Grass.—(Poa Aquatica.)

Grows naturally in and by pools, lakes and sluggish rivers; also on rich alluvial soils. Leaves long, broad and of a vivid green; yields an immense bulk of coarse, nutritious herbage. It is one of the tallest and most productive in herbage of all grasses, and deserves attention, especially in those districts suited to its growth. Sow 15 lbs. to the acre. Per lb., 45c.; post paid, 50c.

Yellow Oat Grass.—(Avena Flavescens.)

Grows naturally in dry pastures on light and good soils. It yields a considerable bulk of fine herbage; arrives early at maturity. Sow 25 lbs. to the acre. Per lb., 60c.; post paid, 65c.

Hungarian.—(Panicum Germanicum.)

This is an annual forage plant, and one of the most valuable for a soiling crop. It may be sown as late as the middle of June with the assurance of having a full crop of green grass, which is relished by all kinds of stock and is excellent for cattle in winter when cut before the seed ripens and cured as hay. It is excellent as a green crop for plowing in, and withstands the most severe drought. Sow 24 to 36 lbs. per acre. Price per bu. variable. Per lb., 10c.; post paid, 15c.

PRICES ON APPLICATION

Common Millet.—(Panicum Miliaceum.)

The Millet is very similar in habit and growth to the Hungarian, but produces a more abundant crop, and of a coarser nature. When the crop is cut, shortly after it begins to change color and cured as hay, it is considered by many to be preferable for milch cows to Timothy hay, and of more value than the same quantity of unthreshed oats, owing to the large amount of seeds it contains. Sow 24 to 36 lbs. per acre. Price per bu. variable. Per lb., 10c.; post paid, 15c.

German or Golden Millet.

A variety not so early as the common Millet, but yields a much larger crop on good soil. Will grow from three to five feet in height, the heads condensed with numerous little spikes. When well matured the hay is soft and readily eaten by all kinds of stock, and when ripe will stand for two weeks or more without falling or wasting. Sow 24 to 36 lbs per acre. Price per bu. variable. Per lb., 10c.; postpaid, 15c.

CLOVERS

SAINFOIN *Onobrychis Sativa, called also Esparsette, French Grass or Holy Hay.* Seed enclosed in large shell consequently only weighs 20 lbs. to the bushel; sow four bushels to the acre; in early spring, seed is quite large, and requires covering a little deeper than most clovers. No grass requires so little pains in curing as Sainfoin. This is another of the land-enriching, luxuriant, heat-resisting clovers. While it does equally as well in the North and cold climates, it is one of those wise provisions of Dame Nature's, to try and equalize her blessings by giving to those who dwell on sterile soil something that will produce as much food and comfort as a more fertile soil. Great dependence is made on this in many parts of Europe where other grasses cannot be grown profitably. In England, we have record where Sainfoin has been growing on poor land for 20 years, and so far improved the fertility of the soil, that from $1.00 per acre it readily brought $7.50 (rent). Morton says: "There are many parts of the United Kingdom in which the farmers could not pay their rents without the use of this crop." It thrives best on chalky and sandy soils, dry gravel, etc.; also loams and clays, if not too stiff or too deep. On poor sand lands in Norfolk, England, almost worthless for anything else, it will produce (after the first year), 1 or 2½ tons of cured hay per acre, of excellent quality. After being mowed, it is extremely valuable to turn sheep and lambs on. The land should be as free from weeds as possible. It can be sown with barley or oats, and harrowed in, growing 2 to 3 feet high, with roots penetrating to a great depth. Flowers about the same time as red clover. It is a perennial, and the stand improves by age. In nutriment and flesh-forming properties, it is equal to any clover. Do not buy Sainfoin from persons you do not know, as there are very inferior samples offered that can be had at less than quarter what fresh reliable seed can be had for. By mail, 30c. a lb., or 4 lbs for $1.00. By express or freight, 100 lbs. for $15.00. Sainfoin and Yellow Trefoil make a good mixture.

SPECIAL GRASSES FOR THE NORTH AND WEST

FOR EARLY SPRING FEED:
Alsike, Red Clover, Medium, Sainfoin.

FOR MID-SUMMER:
Lucerne, Golden Millet, Orchard Grass.

FOR FALL FEED:
Lucerne, Millet, Red Top.

We are Headquarters for Grass and Clover Seeds, Importing and Keeping in Stock large quantities. Write for current market quotations.

—To—

Lucerne, or Alfalfa

(MEDICAGO SATIVA)

THE VALUABLE FERTILIZING FORAGE PLANT OF EUROPE AND WESTERN STATES

Lucerne should be planted by all who own or hire a foot of soil. As a Forage Plant or for Soiling Green, and Curing for Hay, it has no equal. Lucerne is not confined to any one locality. It absorbs more Ammonia from the atmosphere than any other plant.

The Great Value of Lucerne is in its enormous yield of sweet and nutritious orage, which is highly relished by stock either when green or cured into hay. It will grow and yield abundantly in hot, dry sections, and on poor, light and sandy land, where no other grasses can be grown, for it sends its roots down to enormous depths, they having been found in sandy soil 17 feet long; consequently it consumes food, moisture, and the leach of fertilizers which have been for years beyond the reach of ordinary plants.

Lucerne greatly enriches the soil, even more than ordinary Clovers, as it derives a very large portion of nutritive material from the atmosphere. It aerates the land to a great depth, and a large portion of its great fleshy roots, equalling small carrots in size, annually decay from the outside and keep growing larger from the centre, and are constantly increasing the fertility of the ground.

It has been grown at Whitewood, N.W.T., and produced there 8 tons per acre, in four cuttings. Agricultural reports from Dakota say **Lucerne** has been very successful there, and likely to become the future forage plant of that State, other experiments prove it to be of more value in the North-West than previously supposed.

Lucerne will grow on any land that will produce Wheat, Corn, or Potatoes, and will thrive.

The Great Yield. Because **Lucerne** flourishes on poor and worn out lands, it should not be thought unadapted to good soils. In the latter, its yield almost exceeds belief. At the New Jersey State Farm, seed was sown, April 28th, in drills and the plants cultivated, and it had grown 40 inches tall, when cut on July 7th, 70 days from sowing, yielded (green) 7 $\frac{1}{16}$ tons per acre; the second cutting, made on August 18, yielded (green) 8 $\frac{1}{16}$ tons per acre; the third cutting was made September 27th, and yielded (green) 4 $\frac{1}{16}$ tons per acre; a total of 20 tons of green fodder per acre the first year sown, which would equal at least 5 tons of cured hay. If sown on light, dry soils during a dry spell, or if sown broadcast, not much, if any, crop can be expected the first year, as the roots have to get a vigorous hold of the soil; the second year it can, (if sown under such conditions) be cut two or three times, but it is not until the third year that it develops into full vigor, and after that it yields magnificent crops for ten or fifteen years.

Lucerne will not flourish on land where **water stands** a short distance below the surface, nor in heavy, sticky clays. It attains its highest perfection on mellow, well-drained or rolling land where water readily passes away.

CULTURE.—The best method is to sow broadcast 15 lbs. per acre where land is in good condition, on weedy land or clear gravel, or sand that is very poor, about 3 lbs. more. You get a crop from it the first year; but don't get discouraged if the plants are on an average of 10 inches apart—little, slim, single stems, about 4 or 6 inches high. Your prospect is good that you will have four tons per acre next year, and the next year will be as good as ever it will be and stand that way for 10 years. It is best to sow in the spring with oats. Cut when in full bloom, a little old is better than too young. Try to cure without getting it wet. Rake into windrows if cut with a machine, let it dry until leaves fall off when roughly handled, put it in piles of about a fork full to cure. Not many animals take to it when dry, without having it in their manger for two or three days with other hay, then you will see them eat the Lucerne in preference to any other. Do not let hungry cattle get it while green, especially if wet. If you wish to pasture them on it, first feed them all they can eat and then turn them on the green Lucerne and no harm will come to them. It is the best thing to renew old worn out lands that we ever saw, and there is not a weed in this country that can stand before it. $15.00 per 100 lbs. By express or freight, 20c. per lb. By mail, post-paid, 4 lbs., $1.00; 1 lb., 30c.; pkt., 10.

Send for our Treatise on Lucerne.

OTHER CLOVER SEEDS.

ALSIKE, (Trifolium hybridum).—A cross between White Dutch and the common Red Clover. It is an excellent variety, held in high estimation, and extensively used by the most eminent agriculturists of the day. It withstands the winter and drought well. Some lands from the too frequent sowing of clover fail to produce a crop, and are termed "Clover Sick." On such soils the **Alsike** will often answer admirably, and produce very heavy crops where no other clover will succeed. After cutting or feeding off, and taking a cereal crop, the same land may again grow Red Clover as well as ever. Price variable. Per lb., 20c.; Post-paid, 25c.

BOKHARA (Melilotus alba), for Bees.—Of large and vigorous growth; blooms early in August; may be cut three times during the season, and yields from three tons upwards of hay per acre. For Hay or Fodder, cut when green; grows two feet high, has a white and very sweet-scented blossom; most valuable for bees. Sow in Spring. Per lb., 20c.; post-paid, 25c.

WHITE DUTCH (Trifolium repens).—Most valuable in mixtures for permanent pastures, forming, in conjunction with natural grasses, the finest and most nutritious food for cattle or sheep. It succeeds on all good clayey lands, if not too wet. Price variable. Per lb., 30c.; postpaid, 35c.

YELLOW TREFOIL OR HOP CLOVER (Medicago lupulina)—A prolific and hardy variety. It has for a length of time been largely cultivated in England, as a mixture with Red Clover and Grasses, and found to be extremely well adapted for dry pastures, but should not be sown alone. Per lb., 20c.; post-paid, 25c.

COMMON RED OR BROAD (Trifolium pratense).—This should be used for alternate husbandry and other purposes where a permanent pasture is not required. Will succeed in any soil of moderate fertility, if sufficiently dry; of rapid growth, and yields an abundant and nutritious crop. Price variable. Per lb., 15c.; post-paid, 18c.

MAMMOTH OR COW GRASS (Trifolium pratense perenne).—Of great value, if sown upon exhausted lands; grows from 5 to 6 feet, and highly recommended for plowing under for manure. Price variable. Per lb. 12c.; post-paid, 17c.

SCARLET OR CRIMSON CLOVER (Trifolium incarnatum).—As a suitable plant, sown either alone or with Timothy or Rye Grass, after the wheat crop is removed, Trifolium has no equal. It will produce an enormous crop very early in the following spring, suitable either for consumption as green food or for hay. Upon imperfect clover lays and other crops intended to produce green spring food, but that may be deficient in plant, the Trifolium is invaluable by reason of its remarkably rapid spring growth and abundant productiveness. It is fairly hardy, but, like the Common Red Clover occasionally perishes during severe winters, when unaccompanied with snow. Per lb., 20c.; post-paid, 25c.

SPECIAL PRICES FOR LARGE QUANTITIES OF GRASS AND CLOVER SEEDS ON APPLICATION.

GRASSES

"That man is a benefactor to his country who has made two blades of grass grow where only one grew before."

Our Special Grass Mixtures

FOR HAY AND PERMANENT PASTURE

CAN BE SOWN IN EITHER SPRING OR FALL

PERMANENT PASTURE

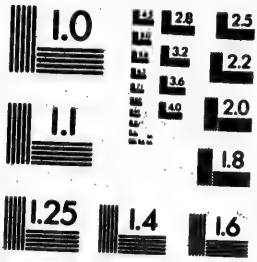
SPECIAL GRASS MIXTURE. "SEE THE CONTRAST." TIMOTHY AND CLOVER.

OUR SPECIAL GRASS MIXTURE, for Permanent Pasture, consisting of the following varieties: **Orchard Grass, Meadow Foxtail, Sheep's Fescue, Rhode Island or Creeping Bent, Hard Fescue, Sweet Scented Vernal** (True Perennial), **Meadow Fescue, English Rye Grass, Italian Rye Grass, Red Top,** etc., blended in the proper proportions. The thicker the seeds are sown, the sooner will a fine close turf be obtained. While the leading variety used in this mixture is Orchard Grass, the addition of the several other grasses named add to its value; because Orchard Grass sown alone has a tendency to form tussocks or clumps, which, however, can be overcome by thick seeding. In addition to this, the other grasses have special value in pasture lands. In this mixture, intended for either mowing lands or pasture, add mixed clovers, comprising White, Mammoth Perennial or Cow Grass, Alsike, Trefoil, etc., but these should be sown separately and only in the spring. $3.00 to $4.00 per acre appears at first sight to be a high price for the seeding of a pasture, but bear in mind that it is a **permanent** pasture that we have in view, and in no country under the sun can a permanent pasture be laid down properly for a less original outlay than that we name. It is not fair to compare the cost of our "**SPECIAL GRASS MIXTURE FOR HAY AND PERMANENT PASTURE,**" with that of "Timothy and Clover," as many are apt to do. When a pasture is sown on our system, it is laid down for all time, whereas Timothy and Clover is short lived, and will have to be re-sown, with all the attendant expense of plowing and preparing the land for the reception of the seed. Looking at this, therefore, from the lowest standpoint, that of original cost, it will be seen that over a short series of years it is greatly in favor of our **SPECIAL GRASS MIXTURE**, but, if the cost were equal, the yield and the staying qualities of the **PASTURE MIXTURE** are far ahead of any other. In the preparation of these mixtures, the greatest care is exercised in selecting such varieties as are suited to the soil to be laid down, and are likely to realize the object in view. To facilitate this, **a description of the soil and climate, and the purpose for which sown, and if, with or without a crop, should accompany each order.** We have had considerable experience in this department, and are careful that none but the best samples and most suitable kinds are introduced. For prices see next page.

OUR SEED CLEANING MILLS ARE OF THE LATEST AND MOST IMPROVED PATTERNS

MICROCOPY RESOLUTION TEST CHART

(ANSI and ISO TEST CHART No. 2)



APPLIED IMAGE Inc
1653 East Main Street
Rochester, New York 14609 USA
(716) 482 - 0300 - Phone
(716) 288 - 5989 - Fax

Grasses AND Clovers for Alternate Husbandry

To those who prefer temporary mowing or grass lands to permanent pasture, we will prepare mixtures of clover and grasses for what is known as "Alternate Husbandry or Rotation Cropping." These mixtures are adapted to the rotation of crop for which they are prepared and in such proportions as will produce the largest quantity of nutritious food for the duration of time specified. The kinds recommended for **one year** will yield the **heaviest product in that time**, and the same for two or three years' lay, care has been taken to reduce the quantities, or **exclude altogether**, some kinds which, though usually **recommended** and sown for these crops, do not endure in the land for so long a period.

A three or four years' lay sown with such grasses and clovers, that are **only of annual or biennial duration**, must be either very thin or foul at the end of the period for which it was laid; whereas, if a proper selection of those varieties capable of lasting the whole of the desired period were sown, **the lay would remain in full plant, free from weeds or objectionable grasses**, and be more profitable during the **whole time** the land is in grass.

All the seeds used in the following Mixtures are of the **Finest Quality**, pure and true. Each variety will be sent separately, when ordered in quantity to seed five acres or over, if so desired; otherwise they will be mixed ready for use, the light and heavy seeds being kept separate, for the purpose of sowing at two casts. Quotations are given for the quantity of seed for an acre (as specified); for less quantity than to seed an acre the pound prices are charged.

No. 1

Grasses and Clovers for One Year's Hay.

Italian Rye Grass, Perennial Rye Grass, Orchard Grass, Timothy, Red Clover, Scarlet Clover, Alsike Clover, Trefoil Clover, and Lucerne Clover.

Allowing **22** pounds per acre.

a.—On light soils, per acre, $2.50; per lb., 15 cents.
b.—On medium soils, " 2.25; " 15 "
c.—On heavy soils, " 2.25; " 15 "

No. 2

For Two Years' Mowing or Grazing.

Italian Rye Grass, Perennial Rye Grass, Kentucky Blue Grass, Orchard Grass, Meadow Fescue Grass, Timothy, Red Clover, Scarlet Clover, Alsike Clover, Trefoil Clover, and White Clover.

Allowing **25** pounds per acre.

a.—On light soils, per acre, $2.90; per lb., 17 cents.
b.—On medium soils, " 2.75; " 17 "
c.—On heavy soils, " 2.75; " 17 "

No. 3

For One Year's Hay and Two Years' Pasture.

Italian Rye Grass, Perennial Rye Grass, Kentucky Blue Grass, Orchard Grass, Meadow Fescue Grass, Hard Fescue Grass, Crested Dogtail Grass, Timothy, Red Clover, Scarlet Clover, Alsike Clover, Lucerne Clover, and White Clover.

Allowing **28** pounds per acre.

a.—On light soils, per acre, $3.00; per lb. 17 cents.
b.—On medium soils, " 3.00; " 17 "
c.—On heavy soils, " 3.50; " 20 "

No. 4

For Three Years' Mowing and Grazing in Orchards and Shaded Situations.

Evergreen Meadow Grass, Hard Fescue Grass, Italian Rye Grass, Meadow Foxtail Grass, Perennial Rye Grass, Orchard Grass, Tall Meadow Oat Grass, Timothy, Trefoil Clover, Wood Meadow Grass, Mammoth Clover, and White Clover.

Allowing **26** pounds per acre.

Price per acre, $3.50; per lb., 20c.

PERMANENT PASTURE MIXTURES

No. 5

For Pastures on Light Soils.

Crested Dogtail Grass, Hard Fescue Grass, Kentucky Blue Grass, Meadow Fescue Grass, Meadow Foxtail Grass, Orchard Grass, Perennial Rye Grass, Mammoth Clover, Timothy, Sheep's Fescue Grass, Alsike Clover, Red Top Grass, Lucerne Clover, Red Clover, and White Clover.

Allowing **30** pounds per acre.

Price per acre, $3.75; per lb., 17c.

No. 6

For Pastures on Medium Soils.

Crested Dogtail Grass, Meadow Fescue Grass, Hard Fescue Grass, Kentucky Blue Grass, Meadow Foxtail Grass, Orchard Grass, Perennial Rye Grass, Red Top Grass, Alsike Clover, Sheep's Fescue Grass, Yellow Oat Grass, Timothy, Lucerne Clover, Red Clover, White Clover, and Trefoil Clover.

Allowing **30** pounds per acre.

Price per acre, $4.00; per lb., 20c.

No. 7

For Moist Lands, and Those Occasionally Overflowed.

Creeping Bent Grass, Kentucky Blue Grass, Meadow Foxtail Grass, Orchard Grass, Timothy, Trefoil, and White Clover.

Allowing **30** pounds per acre.

Price per acre, $3.00; per lb., 15c.

No. 8

For Pastures on Well Drained Soils.

Meadow Fescue Grass, Meadow Foxtail Grass, Orchard Grass, Kentucky Blue Grass, Perennial Rye Grass, Red Top Grass, Timothy, Yellow Oat Grass, Lucerne Clover, Alsike Clover, Red Clover, White Clover, and Yellow Clover.

Allowing **35** pounds per acre.

Price per acre, $5.50; per lb., 22c.

No. 9

For Pastures on well drained Soils, composed of the same Varieties as No. 8

Allowing **28** pounds per acre.

Price per acre, $4.00; per lb., 20c.

[Both No. 7 have been our standard mixtures for the past nine years. Of many customers who have sown them, speak most favorably of the results, and strongly recommend their more general use.]

No. 10

For Sandy and Gravelly Soils.

Crested Dogtail Grass, Hard Fescue Grass, Kentucky Blue Grass, Perennial Rye Grass, Red Top Grass, Sheep's Fescue, Trefoil, Lucerne Clover, and Tall Oat Grass.

Allowing **33** pounds per acre.

Price per acre, $4.25; per lb., 20.

No. 11

For Pastures in Orchards and Shaded Places.

Evergreen Meadow Grass, Kentucky Blue Grass, Italian Rye Grass, Hard Fescue Grass, Perennial Rye Grass, Orchard Grass, Sweet Vernal, Timothy, Wood Meadow Grass, Red Clover, Trefoil, and White Clover.

Allowing **30** pounds per acre. Price per acre, $3.75; per lb., 18c.

No. 12

Finest Mixtures of Dwarf Evergreen Grasses, for Lawns, Croquet and Lacrosse Grounds, Public Parks, Etc.

Allowing **40** pounds per acre.

Price per acre, $10.00; per lb. 30c.

The varieties of Grass Seeds used in the above Mixture are the purest that can be obtained, and are so blended, that under favorable conditions, they will produce in the shortest possible time a **Perfect Lawn**, of a bright, rich green, and when kept regularly shorn, will form a close, soft velvety sward, and entirely free from the tufty appearance so commonly found in using most lawn mixtures.

White Clover is only added when requested. On dry soils or where the convenience of water is not at hand, a little clover is often beneficial, but where a liberal supply of water can be given through the dry, hot weather, the finest lawns are those free from clover.

Quotations are for the price of seed for an acre; for less than will seed one acre, the pound prices are charged. Light and heavy seeds will be sent separate.

NATURAL GRASSES AND CLOVERS FOR RENOVATING OLD AND WORN OUT PASTURES

Grass lands, which have been frequently mown without receiving a proportionate supply of manure, always become deficient in the most valuable and nutritive grasses, and also become patchy from other causes. By sowing about fourteen pounds of Renovating Mixture per acre the sward will be wonderfully improved, both as regards quantity and quality of produce. April and May are the best months for sowing, or after hay is taken off, and previous to rain, if possible. When ordering, please state the class of soil and condition of the meadow or pasture, also lay of the field, whether high or low. 25 lbs. or over, 15 cents per lb.; less quantity, 20 cents per lb.

NO GRASS, NO CATTLE; NO CATTLE, NO MANURE; NO MANURE, NO CROPS.

THE "PLANET JR." GARDEN TOOLS, 1891

No. 2 Seed Drill

The **PLANET JR. GOODS** are widely and favorably known everywhere, the **Combined Plant Drill** being the most popular combined machine in the market. The entire line is well made, handsomely finished, and their **Cultivators** are second to none in popularity. Toronto is a great distributing centre for these as well as other tools, and **we** have supplied the **Planet Goods** to numbers of gardens east and west. We have now in stock, of 1891 pattern, the largest quantity of these **Tools** ever kept in the Dominion.

Send for the Full Descriptive Catalogue; Forty Illustrations.

THE "PLANET JR." NO. 2 SEED DRILL

Sows all garden seeds accurately, at any desired thickness or depth, opening, dropping, covering, rolling down and marking the next row all at one passage in the most perfect and reliable manner. It holds 2½ quarts. It has no cams, levers, brushes, cogs, springs, or shakers to get out of order; it is noiseless, automatic, self-cleaning and accurate; it is remarkable for simplicity, strength, and for ease and perfection of work in the field. No one having use for a seed drill can afford to buy any other; it is the best. **PRICE, BOXED, $9.00.** Truckers, market-gardeners, onion growers, and all who raise vegetables in quantity, should supply themselves also with the "Planet Jr." Double Wheel Hoe.

Planet Junior Combined Drill

THE "PLANET JR." COMBINED DRILL
Wheel, Hoe, Cultivator, Rake and Plow

This tool is unrivalled in beauty of design, perfection of finish, convenience and capacity for work; it is suitable for either the farm or the garden. As a Seed Drill it is the same as the No. 2 (see description above), except in size. It holds one quart. For after care of the crop it is supplied with a pair of rakes, a pair of long hoes, three reversible cultivator teeth, and a large garden plow.

As a Rake, it is invaluable in preparing the garden for planting, and also for delicate after cultivation of the crop and for covering seeds, etc., etc.

As a Hoe, it works safely and closely both sides of the row at once when plants are small; between rows when plants are large, working all rows up to 16 inches wide at one passage.

As a Plow, it opens furrows, covers them, hills, plows to and from, etc.

As a Cultivator, it is admirably adapted to deep mellowing of the soil. All the blades are tempered and polished steel. Price, boxed, $12.00.

Planet Junior Double Wheel Hoe

THE "PLANET JR." DOUBLE WHEEL HOE
Cultivator, Rake and Plow Combined

This popular hoe stands *completely unrivalled*; it is simple, strong and complete, and merits the thorough admiration of every practical gardener. Each tool is sent out with a pair of rakes, a pair of hoes, two pair of reversible cultivator teeth and a pair of plows. The wheels are adjustable in height, and the arch is high enough to enable the operator to work both sides of the row at once until plants are over 18 inches high; then the wheels can be set to run close together and the tool used between the rows. Leaf guards (detachable) go with each machine, to be used when plants extend into a wide row. This tool is light, very simple, very strong, made of the best material and highly finished, and nothing exceeds the perfection and variety of work it performs. It will do the work of six men with ordinary hand hoes. Price, boxed, $8.00

Plain Double Wheel Hoe.—To meet demand from some sections, the "Planet Jr." Double Wheel Hoe will be offered with only one pair of Hoes and with and without leaf guards, as the "Planet Jr." Plain Double Wheel Hoe. This makes a very effective and cheap tool for parties who have limited work or chiefly hoeing. Price, boxed, $4.50.

The Planet Jr. Single Wheel Hoe

THE "PLANET JR." SINGLE WHEEL HOE
Cultivator, Rake and Plow Combined

In remodelling this tool, care has been taken to combine lightness, great strength, variety and adjustability of tools. It has *one pair of garden rakes, one pair of long hoes, one set of reversible cultivator teeth, a large garden plow, and a leaf guard.* All the blades are tempered and polished steel. The form of the hoes insures a forward slanting cut next to the plant, and consequent close work *without danger*, and at the same time thorough *cultivation of the soil.* The rakes and cultivator teeth, in combination with the hoes and plow, enable the operator to perform almost every variety of work, either in the field or garden. A leaf guard (detachable), is very useful in late hoeing. All rows, from *6 to 18 inches* apart, can be perfectly hoed at *one passage.* The frame allows every desirable adjustment, is quickly raised or lowered, to regulate depth, and the wheel can be attached centrally or at *one side of the machine*, giving the operator the *important advantage* of hoeing both sides of the row at one passage when desired. Price, $6.00, boxed.

The "Fire-Fly" Single Wheel Hoe

THE "FIRE FLY" SINGLE WHEEL HOE
Cultivator and Plow Combined

This convenient tool combines lightness and strength with great adjustability, it is highly polished, and of the best tempered steel. The tools are: First, *a pair of admirable hoes*, which can be set to work to and from the row, and to any desired depth. Next, a set of *three reversible cultivator teeth*, to be used together or singly, or in conjunction with the hoes. Third, a *large excellent garden plow.* The whole tool is light and strong, and capable of standing hard usage for years, while the price is its final recommendation. Price, $5.00, boxed.

The "Fire-Fly" Wheel Garden Plow.

THE "FIRE FLY" WHEEL GARDEN PLOW

Makes the care of a vegetable garden a pleasure, and those who could not find time to keep a garden, if attempting cultivation with the ordinary hand hoe, can raise their own vegetables successfully with the "Fire Fly." It takes the place of the horse and plow, or cultivator, requiring no wide headlands to turn on, and is invaluable during all the gardening season. Price, $2.50.

HANDSOME ILLUSTRATED CATALOGUE OF THESE GOODS MAILED ON APPLICATION.

THE "PLANET JR." STEEL HORSE HOE

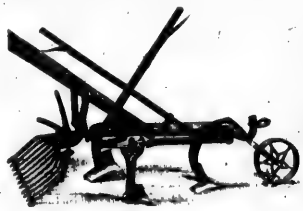
Cultivator, Furrower, Marker, Coverer, Vine Turner, Etc.

This famous tool as made for 1891 is a beauty. It now has a quick and powerful **lever adjustment for width**, and also an **easy sidewise adjustment of the handles**; grand among Turnips, Mangels, Corn, Beans, in fact, all field crops, and for making plant and seed ridges: besides it has the patent hollow steel standards, parallel frames, stiff hinges, reversible hoes, star wheel, etc., each valuable in its place. Each tool sent out as shown in the cut. Price, only $12.00.

Furrower and Marker, complete, price	$3 75
Covering Rake	1 25
Covering Roller	2 50
Vine Turner	2 00
Celery Earthing Attachment	4 00
Sweeps for Flat Cultivation Beans, etc. (two 8 in. and one 10 in.) set	1 10
Sweeps for Flat Cultivation Beans, etc. (two 10 in. and one 12 in.) set	1 35
Sweeps for Flat Cultivation Beans, etc. (two 12 in. and one 15 in.) set	1 60

THE "PLANET JR." HORSE HOE AND CULTIVATOR (AS ABOVE) $12.00.

Market Gardener's Horse Hoe and Pulverizer

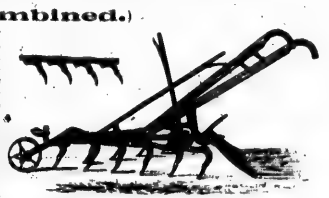


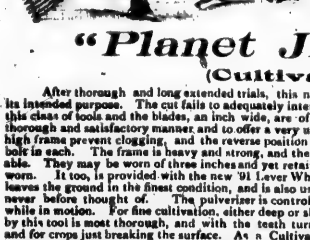
This admirable new tool is constructed conspicuously in the interest of very fine close level culture of market garden crops, and for level culture generally. It is equipped with a 12 inch sweep, two 10 inch Hoes and a 25 inch Pulverizer, and is very neatly made, each tooth being so formed that while the soil is worked most thoroughly, it remains level. The Market Gardener's Horse Hoe at a single passage works all rows from 18 inches to 32 inches. The Hoe may be exchanged from one side to the other, and the Pulverizer may be reduced in size for narrow rows, or by taking off the sweep and the centre tooth of the Pulverizer, and replacing the wheel with a pair of steel runners may be used to straddle the row and cultivate both sides at once, as in cotton, etc. The tool runs with extreme steadiness, and therefore can be safely used in the very closest and most delicate operations. The '91 Lever Wheel is a feature here also; nothing of the kind at all equals it in ease and delicacy of adjustment, so pleasant and necessary in such a tool. For strength and for perfection in the field, and nicety of construction, nothing we have ever had to offer exceeds this latest fairy among Horse Hoes. Price, $12.50.

"Planet Jr." Eleven Tooth Harrow

(Cultivator and Pulverizer Combined.)

After thorough and long extended trials, this new and valuable tool is now offered as the very best known for its intended purpose. The cut fails to adequately interpret its perfections. The frame is much higher than usual in this class of tools and the blades, an inch wide, are of such perfect shape and symmetry as to work in the most thorough and satisfactory manner and to offer a very unusual amount of wearing surface. The re-curved throat and high frame prevent clogging, and the reverse position is given to the teeth in a short time by the changing of a single bolt in each. The frame is heavy and strong, and the teeth set straight with the line of motion and are interchangeable. They may be worn of three inches and yet retain the original cutting width. They are cheaply replaced when worn. It too, is provided with the new '91 Lever Wheel, and also with a thorough Pulverizer attachment, which leaves the ground in the finest condition, and is also used to regulate the depth of the Cultivator with an exactness never before thought of. The pulverizer is controlled by a lever, which can be operated in an instant by the foot, while in motion. For fine cultivation, either deep or shallow, this tool has no equal. As a Harrow, the work done by this tool is most thorough, and with the teeth turned backward it is admirable for trashy ground and levelling, and for crops just breaking the surface. As a Cultivator, the work is very thorough. As a Pulverizer, with the attachment as shown in figure the soil is left in the finest condition. The pulverizer may be reduced in width by taking off the outside teeth, and the tool may be used to straddle a row, cultivating both sides at once, by taking out the middle teeth of both the Cultivator and Pulverizer. Then use the runner attachment shown on the Market Gardener's Horse Hoe. Price, $12.50.





NEW GRASS EDGER

THE "PLANET JR." NEW GRASS EDGER

A cheap, handy and effective Grass Edger is a treasure, and here it is; one with which you can in an hour edge beautifully the walks and the *flower and shrub beds* of an ordinary half acre lawn. Think of it; why, in the usual way, it would take a day. This perfect little tool does either *straight or curved* work most accurately, edging at the desired angle. The operator being quite a distance behind the working part of the tool, can readily detect and rectify irregular or crooked spots in the edges, and once made true, the after work consists only in keeping the established line exact.

For heavy work, the frame forms a pocket, just the proper size to carry a brick, which gives the needed additional weight for effectual service.

Strawberry growers will find it also a rapid and perfect tool for cutting off surplus runners. For this work the hoe may be removed.

By removing the wheel the hoe may be used alone with great satisfaction in the vegetable garden, first cutting away from the crop, and then returning the earth. Price, $4.00.

SEPARATE PARTS OF THE "PLANET JR." IMPLEMENTS

We keep a full stock of repairs for all these implements. The following are parts most frequently required.

Horse Hoe side wheels	each	$1 00
" " rear shovels, 4½ inch	"	80
" " triangular steels, 7 inch	"	90
" " " " 8 inch	"	1 00
" " **Cultivator Steels**, 1½ inch	per set of five	60
" " " " 1¾ "	" "	65
" " " " 2¼ "	" "	70
Horse Hoe, Cultivator Steels, 3 inches	per set of five	75
" " " " 4 "	" "	90
Horse Hoe, wheels only	each	25
" " wheels with side brackets	"	1 57
Wheel Hoe side steels, 6½ inch	per pair, 50 cents "	30
" " " 8 inch	per pair, 75 cents "	40
" " plow steels	"	1 00

The "Planet Jr." Drills, Wheel Hoes, etc., that they may always be ahead of competition have been altered nearly every year. When ordering any repairs for these send a **Sketch of Parts, the Number**, if any cast in it; if a Drill, the **Height of Wheel**, and the year purchased. Attention to this will save delay and prevent errors. Repairs always cash with orders. Descriptive Catalogues sent free on application.

CONTINENTAL LAWN MOWER

(Circulars on Application)

This Machine is of the latest and most improved American pattern, and though higher in price, distances by long odds any Mower now in the Market. It is the lightest running, swiftest cutting and almost noiseless. The Cylinder Knives are solid cast steel, made by a patented process; are hardened and tempered in oil; self-sharpening. We have no hesitation in recommending this machine as the "Very Best."

Price—14 in., list price, $17.00; our price, $16.00; 16 in., list price, $19.00; our price, $16.00; 18 in., list price, $21.00; our price, $18.00.

SPECIAL MACHINES FOR HIGH GRASS.

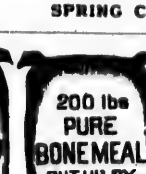
15 in	List Price, $25.00.	Our Price, $21 00
17 in	" 28.00.	" 24 00

THE GUELPH LAWN MOWER

Philadelphia Pattern. (Circular on Application.)

Light, Strong, Durable, Easy running and well finished. This well-known machine has the following advantages:—1st.—The machine will cut as well when **turning a short corner** as when pushed straight forward—which some Lawn mowers will not do. 2nd.—The tendency of the gearing is to lift the lower knife, instead of pressing it down, and causing it to pass lightly over uneven ground. 3rd.—Being single geared, the **friction and number of parts** are reduced one-half. 4th.—The grass cut is thrown **behind the cutters**, instead of forward to be cut over and over again, thus greatly decreasing the labor of working the Machine. 5th.—It is as portable as a handy truck. 6th.—So few parts being used, enables each to be made very strong; and the Machine is so compact and stiff, that it is almost impossible to damage it by any reasonable use.

Prices—10 in. cut, $6.00; 14 in. cut, $6.00; 16 in. cut, $7.00; 18 in. cut, $8.00



Fertilizers

FEED YOUR SOIL, AND IT WILL FEED YOU!

COMMERCIAL FERTILIZERS are sure to come into more general use as fast as they are tried. Their quick and direct action commend them to the Gardener. A customer who once buys almost invariably continues their use.

THE DOMINION PARLIAMENT has passed a law under the title of "**The Fertilizers Act, 1885,**" the object of which is to give protection to farmers and others against fraud in Fertilizers. Section 3 of this Act makes it compulsory on all manufacturers of Fertilizers to send to the Minister of Inland Revenue at Ottawa, samples of all the Fertilizers they make, giving the names of brands under which they are sold. These samples are analyzed by the Government Analyst, and should the Fertilizer sold under the name given be found not to be equal in quality to the sample sent to Ottawa, the manufacturer is liable to a penalty of from $50 to $100.

We Feel Confidence in Recommending the Following Brands, which are Manufactured by Reliable Parties:

Animal Fertilizer.—A high grade fertilizer, manufactured from finely ground bone, blood and meat, admirably adapted for the vegetable garden. Price, per 200 lb. sack, $3.50; per ton, $30.

The Reliance.—This is a mineral phosphate, compounded for grain and general crops, and to supply what we hope will prove a large demand for a complete fertilizer, at a moderate cost. It has been prepared with great care, using only the best materials, and will be found in a fine dry friable condition. We can assure farmers they will find it a good investment to spend some money on this brand; it is put on the market with only a minimum of margin to ourselves, and we expect it to make the headway such a manure ought to. Price, per 200 lb. sack, $4.00; per ton, $35 free on cars Toronto, or Capelton, Quebec.

Royal Canadian, a high class fertilizer for Market Gardeners.—This mineral phosphate is compounded for market gardeners and farmers at a distance, who see the economy in freight, by using a high grade. It should prove specially beneficial to root crops, being high in potash, and giving a well balanced amount of phosphates and ammonia. For all desirous of getting a good crop of well bulbed turnips or mangels, and a big yield of potatoes, we only ask them to give this formula a trial, feeling that results will speak for themselves. Price, per 200 lb. sack, $5; per ton, $45, free on cars Toronto or Capelton, Quebec.

Peat, Imported.—We offer this in barrels at $3.00 per bbl.

Lawn Fertilizer.—This can be applied either in the spring, summer or fall as a top dressing, at the rate of one pound to 10 square feet. Stable dressing for lawns is objectionable in appearance, odor, weed seed and cost. Our **Queen City Lawn Fertilizer** overcomes all these, and supplies the soil with requisite food for a uniform and luxuriant growth of grass. Price, 5 lb. bag, 50c.; 10 lbs., 75c.; 25 lbs., $1.50; 50 lb., $2.00; 100 lbs., $3.50.

Guano, Peruvian, Guaranteed.—This standard fertilizer should be used throughout the entire country, and we are confident it will be in time. In Europe and United States it has enormous sales, and should have here. It pays on farm or garden. Our sale of this is increasing yearly. A weak solution, applied once or twice a week, is very beneficial for house plants. Price, per lb., 10c.; by mail post-paid, 15c.; 25 lbs., $1.75; 100 lbs., $5.00.

Standard Plant Food.—To produce a healthy, luxuriant growth, earlier and more abundant blossoms, of a richer coloring, it is necessary to feed your plants. The **Standard Food for Plants** is made expressly for plants grown in the house, conservatory or garden, and cannot be recommended too highly for this purpose. It is free from odor, clean to handle, and in addition to promoting a strong, healthy growth and a profusion of bloom, it materially aids in keeping your plants free from vermin. The Plant Food will keep any length of time, is immediately soluble in water and ready for the plant to take it up, thus producing a quicker and healthier growth than can be obtained from any other fertilizer yet introduced. Directions for use on each package. Plant Food, by mail, post-paid, at 30c. for regular sized package, or a trial package for 15c.; in bulk, 5 lbs., 75c.; 10 lbs., $1.25.

Nitrate of Soda.—This fertilizer is very largely used in Europe, and will be here also, as soon as its valuable qualities are known, mixed with manure at the rate of 400 to 500 pounds per acre, its effect is astonishing. It is used by leading market gardeners, dissolved in water, for cabbages, cauliflowers, and all garden truck they wish to rush. It is also excellent for strawberries, hastening their ripening. On a test crop of beets, 550 lbs. nitrate of soda, yielded 22 tons per acre, as against 14 tons of manure, which yielded 18 tons. Our market gardeners not only require large quantities of rich manure, but want them to act quickly; nitrate of soda will do this, and its results are shown on next year's crop as well. **In the Garden,** a good plan is to sow broadcast early in the spring, 200 lbs. of Superphosphate, and 500 lbs. of Nitrate of Soda per acre, or say a handful of the mixture to each square yard, over the whole surface of the land. Sow it on the lawn, orchard, deciduous and evergreen trees, shrubs, roses, flower beds, vegetable garden, strawberries, grapes, raspberries, blackberries, currants, gooseberries, and on all land that is to be sown or planted the coming season. It is the best of all substitutes for stable manure, but if you wish to use manure as well do so. So far as our experience goes, if we had to dispense with either we should give up the manure rather than the Nitrate and Superphosphate.—*Joseph Harris.* **For Farm Crops,** such as wheat, barley, oats, corn, and corn fodder, it is not necessary to use so much Nitrate per acre. On wheat, especially where Superphosphate was sown last autumn, a top dressing of 200 lbs. of Nitrate per acre sown broadcast early in the spring will greatly increase the yield. The profit will be in proportion to the price obtained for the wheat. At 80 cents per bushel it will afford a small profit and the land, if seeded down to grass and clover, will be left cleaner (owing to the heavy crop of wheat smothering the weeds), and you would be likely to get a better crop of grass and clover. Should we get $1 per bushel or more the profit will be quite satisfactory.—*Joseph Harris.* **It will pay you** to purchase "Talks on Manures," or "Essay on Nitrate of Soda," by Joseph Harris (a standard authority) and figure results out for yourself. Nitrate of Soda, price per 10 lbs., 75c.; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.50.

Pure Bone Meal.—Every bag is guaranteed pure bone. It is made from the bone gathered from the plains and farms without being steamed or baked. Harrow or drill in, using 200 to 300 lbs. per acre at time of seeding. In small lots, by express, not prepaid, 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., $1.00; 50 lbs., $1.65; 100 lbs., $2.50.

Prepared Leaf Mould.—Finding that many of our customers in the city were unable to procure suitable mould for the garden and pot plants, we arranged for a car-load of decayed vegetable leaf mould; with this, we have mixed well decomposed manure and bone dust; the whole forming a well enriched preparation, containing all the elements of plant food. We can highly recommend our **Prepared Leaf Mould,** and are confident you will be pleased with the results. It is put up in 100 and 200 lb. sacks, and can be supplied at all seasons of the year. Price, per 25 lbs., 35c.; 50 lbs., 55c.; 100 lbs., $1.00.

Talks on Manures.—By Joseph Harris, M. S., 386 pages, contains ample information on Manures and Fertilizers, their use, utility, effectiveness, etc. Price, bound in cloth, $1.75.

Fertilizers, a New Edition, where to get, formulas for various crops, how to apply. By J. J. H. Gregory, paper, Price, 40 cents.

Nitrate of Soda.—An Essay by Joseph Harris. It will pay you to read it. Price only 10 cents.

NORWAY SPRUCE

Choice Tree and Hedge Seedlings

THIS SEASON we are able to offer an enlarged list of Tree Seedlings; these are grown from seed sown here in Canada, are splendidly rooted and in fine condition.

There are advantages in planting small Evergreens. They cost but little, and they are quickly and easily planted, and sure to live, will start into growth at once and outgrow larger trees which will cost from three to five times their price. Orders should reach us early, that they may be forwarded promptly in Spring and before growth begins; they do not carry safely or thrive well when sent late in the season. On arrival they should be immediately planted, for should the roots become dry and hard, as all resinous plants will, they have no chance of life. When sent by express it is at purchaser's expense.

NORWAY SPRUCE.

	EXPRESS.
10 to 12 in., once transplanted, post-paid, 10 for $1.00, 100 for	$6 50
20 to 24 in., once transplanted, express only, 10 for $2.00, 100 for	16 00

HONEY LOCUST.

Two-year-old Seedlings, express only, 25 for $1, 100 for	3 50

AUSTRIAN PINE.

	EXPRESS.
12 to 18 in., once transplanted, can only send by express or freight, 10 for $1.25, 100 for	$10 00
18 to 24 in., once transplanted, can only send by express or freight, 10 for $1.50, 100 for	12 0

SCOTCH PINE.

12 to 18 in., once transplanted, can only send by express or freight, 10 for $1.25, 100 for	10 00
18 to 24 in., once transplanted, can only send by express or freight, 10 for $1.60, 100 for	12 50

OUR SELECT GARDEN TOOLS

NOTE—The figures in parenthesis, thus (1), denotes the number of cut in the margin.

BELLOWS.—For dusting insecticides on plants and shrubs. Large size, price $3.00; small size (22) ..... $ 2 25

BRACKETS.—Flower Pot, ornamental, various sizes, each 30c. to 3 00

BOUQUET HOLDERS.—(Novelty); cheap, durable and tasty—in fact, perfect; each ... 10

CORN PLANTER.— each 1 50

CORK, VERMIN.—For rockeries, etc., flat and twisted; per lb 15

DIBBLERS.—For planting (35); each 50

FERNERIES.—Each from $7.00 to 10 00

FLORAL TOOLS.—Set of 6; small, 60c., large 1 50

FUMIGATORS, Greenhouse.—Each, $1.50, $1.75 and (14) 2 00

GLOVES.—Ladies' chamois, pair 1 00
" Oiled 80
" Gardeners' (men's) (18) 50
" Harvest " No. 2 75
" Thrashing 75

GRAFTING WAX, Tins ..... 50c. and 1 00

GARDEN LINES.—Of best material, each . 25
" **REELS.**—Iron, plain, with stake (36) 70
" " Larger size 1 00

HOES.—Dutch scuffle, 6 in., each 60
" " 7 in., " 65
" " 8 in., " 70

HOSE RUBBER.—In 25 and 50 ft. lengths only, including couplings, viz., best quality, per foot, ¼in., 18c.; 1in., 23c.; good quality, per foot, ¼in., 12c.; 1 in. (34) 14

HOSE, NOZZLE, brass, with spray and stream tip, ¾in (31) 1 50
" " Graduating spray and stream, ¾ in. (32) 1 25
" **MENDERS.**—Each 25
" **REELS.**—Holding 100 feet, (30) $2.50 to 3 50

HYACINTH GLASSES.—In assorted colors, plain, blue, green, wine and amber, flat or Tye pattern, each, 20c.; per doz., $2.00; tall, each, 15c.; per doz., $1.75; new design, pink shaded, tall; each 50

IRON LAWN ROLLER (27)—Each 15 00

KNIVES.—Asparagus, imported, best Sheffield make 1 00
" Budding, ivory handle (5) 1 00
" Combined pruning and budding, each (4) 2 25
" Pruning, stag handle, crooked blade (3) ..... $1.00 to 1 25
" Grass Edging, crescent shape (19). 1 00

LABELS.—Wood, for pots, plain, 4 in., per 100 15
" " " " 6 in., per 1000 1 25
" " " painted 6 in., per 100 15
" Wood, for pots, painted, 6 in., per 1000 ..... 2 00
" Tree, Notched, 5½ in., per 1000 .. 1 00
" " Copper wired, 5½ in. " 2 50

LAWN SPRINKLERS, 4-arm, revolving, each (28) 8 00
" Champion, to stick in ground 85
" I.X.L. " " 1 25
" for end of hose, brass, 1 foot, each. 3 00

A —Archangel, 4½x8½ ft., each 75

MERDLIS.—For sowing grain bags, each 10

PLANT STAKES.—Green painted, tapering, very neatly finished, of light wood and very useful for tying plants, shrubs, etc. Per doz., 18 in., 25c.; 24 in., 35c.; 30 in. 50c.; 36 in., 65c; 42 in., 75c.; 48 in., 10c. each; 60 in., 12c. each. Heavy for Dahlias, each 3 ft., 10c.; 4 ft., 12c.; 5 ft., 15c.; 6 ft., 20c. 25

PENCILS Weil's indelible, each .....

POWDER DUSTER of tin with perforated bottom (20) 1 25

POWDER GUN, round, tin and rubber, each 25

RAKES.—Daisy for cleaning lawns, 22 teeth (29) 2 50
" Garden, malleable iron, no handles, 10 teeth, 20c.; 12 teeth, 35c.; 14 teeth, 40c.
" Garden, steel, with handles, 60c. and 70
" Lawn, steel, each 1 00

RAFFIA.—The best tying material for plants, etc., 10 lbs for $2.50; per lb 40

SCELLAY'S Rissotie Plant Sprinkler, of rubber. The cap of brass, finely perforated for showering the foliage of plants, sprinkling bouquets and dampening clothes. Price, by mail (35.) ..... $ 1 25

SCELLAY'S Putty Distributer, a new and useful tool, similar to the well-known Scellay's Sprinkler, with tube in place of spray, for applying liquid putty in glazing greenhouses, price 1 25

SCYTHES, TURACKS, English, $1.50 to 2 00

SAWS.—Heavy, for pruning (39), each 1 00

SCISSORS.—Short and heavy for pruning (7). 1 00
" French Secateurs (1) 1 10
" Flower Gatherers, silver plated .. 2 00
" Grape Thinning, for thinning (6) 1 00

SHEARS.—Hedge or Lawn, best imported, 8 in. 1 25
" " " " 9 in. 1 40
" Ladies', durable and useful for light work (8) 1 00
" for lawns (37), each 2 00
" sheep for edgings 75

SYRINGES, Brass.—The very finest goods in the market. Each syringe is supplied with one jet, a coarse and fine rose .....
" Ladies' 14 inches x 1 inch barrel, light, (21) each 2 50
" Gardeners' 18x1¼ in. barrel, strong 3 00
" Greenhouse 18x1¼ in. barrel, heavy 3 25
" " 18x1¼ in. barrel, patent ball valve 4 00
" Rose, knuckle jointed, can be used in any direction 7 50
" Hydronette, throws water in stream or spray, 60 ft. from bucket 7 00

TROWELS, Garden.—Light and handy, 6 in., (9) each 20
" Polished steel, 7 in. (9), each 20

TREE SCRAPER, for removing old bark (14) 60

" **POUNCES,** Waters' tree, 6 ft 2 00

WEEDERS.—Fork shape (11) 20
" Hazelines (15) 20
" Noyes (13) 20
" Claw shape (10) 25
" Dock Spud, for lawns 60
" Spoon for weeding or transplanting (16) 50

WATER POTS.—(25) ..... each $3.00 to 3 00
" " French pattern (26) $3.50 to 3 00

VERBENA PINS.—Per box of one gross 50

WHEELBARROWS.—Light, $6.00; heavier, 4 00

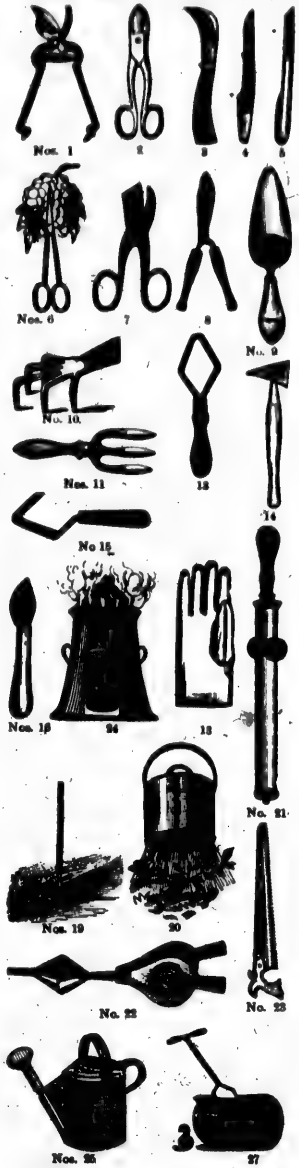
FLORISTS' SUNDRIES

Pot Covers, imitation leather, handsome style, for 7 in. pot, each 15c.; per doz 1 50
Sexagon, fancy for 7 in. pot, each, 40c.; per doz. 4 00
Gilt, fancy, round, for 5 in. pot, each 30c.; per doz 2 75
Gilt, very neat, for 7 in. pot, each 35c.; per doz. 3 50
Tin Foil, in long strips, 5 in. wide, per lb 15
Tooth Picks, 10c. per box; 3 boxes for 25c.
Match Sticks, per bundle 75
Wire annealed (Prices subject to change):—
No. 24, per lb., 10c.; 12 lbs 1 20
No. 28, " 15c.; 12 lbs 1 50
No. 36, " 25c.; 12 lbs 2 50

BOUQUET HOLDERS,

WITH 12 SCALLOPS

4 in., per half doz. 35
5 " " " 50
6 " " " 40
7 " " " 50



Green Fly. Red Spider. Blight. Mealy Bug. Scale. Thrip.

Fir Tree Oil.—Soluble insecticide, effectually destroying all kinds of pests to which plants are subject. Equally effective on animals, and is harmless to the skin and hands when used as a wash. Full directions with each bottle. Cannot be mailed. Per bottle, 3 sizes, 30c., 75c. and $3.00.

Mealy Bug Destroyer.—A safe preparation for the complete eradication of the bug, scale, and other insects on plants and trees. Cannot be mailed. Per bottle, 40c.

Whale Oil Soap.—One of the most effective and cheapest remedies to destroy Slugs, Worms and other insects on trees, shrubs, garden and house plants. One pound of soap to seven gallons of water is used for applying to foliage. Per lb., 25c.; by mail, 30c.

Peroxide of Silicate.—The farmers and gardeners best friend, and a sure protection against the ravages of all insect pests. It kills the Colorado Beetle or Potato Bug, the Cabbage Worm, etc., etc. Send your address for our "Bug Catechism," giving full particulars of above. Price, per lb., 50c., post paid.

Sulphide of Potassium.—An English preparation, very strongly recommended as a **Perfect Remedy for Mildew**, Red Spider and other plant diseases. It is soluble in water. Price, per bottle, 50c., post-paid.

Sutherland's Insecticide.—This fluid destroys all insect pests on plants and trees, and prevents blight and mildew. Cannot be mailed. Price, per bottle, $1.25.

Hammond's Thrip Juice.—This fluid is death to Mealy Bugs and all kinds of scale insects, which invest rose bushes, etc. It is highly recommended. Price, ½ pint can, 50c.; pint, 50c.; quart, 75c.; gallon, $1.75. Cannot be mailed.

Pyrethrum Roseum, or Persian Insect Powders For destroying Roaches, Ants, Fleas, and all other noxious insects. Per lb., $1.00, post paid.

Grape Dust.—An effective, cheap powder that destroys all Mildew on Grapes, Gooseberries, Currant Worms, insects on roses, plants, etc., etc. Price, per lb., 10c.; by mail, 15c.

Bishurst's Compound.—For destroying Green Fly, Mealy Bug, Thrip, Mildew, etc. Per pkt. 50c., post-paid.

Cooper's Sheep Dipping Powder.—Thoroughly eradicates Scabs, Ticks, Lice, and all other insect pests from the fleece and skin, and keeps the fleece clear of them for many months after using it. Directions with each package. Price for package sufficient for dipping 18 to 25 sheep, 50c., post paid.

Slug Shot.—For destroying Potato Bugs and those on Tomato and Egg Plants, Currant Worms, Cabbage Lice and Worms, Beetles, Striped Bugs, on Melons, Squashes, Turnips, Beets, Canker Worms and Caterpillars on Fruit and Ornamental Trees, Rose Bugs, Cut Worms, etc. Price 5 and 10 lb. packages, 6c. per lb.; by mail, 10c., post-paid.

"You can feed for Eggs just as you can feed for Milk, Beef or Fat Pork," and you can get plenty of

Eggs at all Seasons

BY USING

Rust's Egg Producer

TRADE (THE HEN PERSUADER.) MARK.

This preparation supplies just what nature needs for producing **Eggs, Plumage, Growth** and **Development**, and in **the exact proportions** required. This exactness makes it so much more effective and economical than other preparations or home-made mixtures. It is entirely unlike those stimulating powders advertised to make hens lay, and therefore does not exhaust and damage fowls as they do. It contains only just enough stimulants (less than four per cent.,) to aid digestion, just as we use a very small quantity of mustard and pepper in our own food for the same purpose. Its composition also includes valuable tonics and remedial agents to ensure perfect assimilation and robust health without which the best results cannot be secured. Thus it is of great advantage to fowls, while increasing their laying power, just as cows are benefitted when their milk is increased by proper means, or as soil is enriched when fertilization produces larger crops. Given frequently to young chicks (a tablespoonful to each quart of meal), it keeps them healthy and enables nearly every chick to be brought to maturity. And it so increases their growth and development that they are earlier ready for market or laying. It also makes tardy pullets prompt to lay, shortens the moulting period of fowls, and prevents and cures leg weakness and many other diseases. Although especially valuable in winter, in consequence of the high price of eggs, it is of great value at all seasons and many are using it, with decided advantage, the whole year round. It is equally useful for Turkeys, Ducks, Geese and Hens, and is, in short, just what is needed to make egg-producing and fowl-raising a very profitable result. Price; lb. pkg. 30c.; by mail, 35c.; 2½ lb. box, 60c.; by mail, 70c., post-paid; 10 lb. box, $1.75.

GROUND OYSTER SHELLS.—Of great value to all poultry; we ship these in large lots and can quote lowest rates for large or small lots. 25 lbs., 75c.; 50 lbs., $1.15; 100 lbs., $2.00.

RUST'S HAVENS' CONDITION POWDER

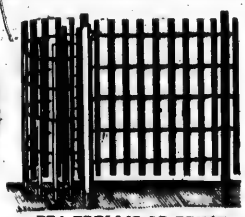
The Only Positive Preventive and Cure for Gapes and Poultry Cholera, and the Best Medicine for Horses, Cattle, Poultry, Sheep and Hogs.

We warrant Havens' Climax Condition Powder to be free from Antimony, Arsenic, Alum, Rosin, Saltpetre, and all harmful ingredients, and to be entirely unlike any other preparation. It is not a feed but an **honest medicine**, at an **honest price**. Liberal packages, weighing 14 ounces, 30c.; post-paid, 35c.

TRY IT ONCE AND YOU WILL ALWAYS USE IT.

TRELLIS for GARDEN CROPS

DOUBLE TOMATO TRELLIS.



PEA TRELLIS OR FENCE

Our New Garden Trellis can be used for all kinds of crops that require support by staking, whether vegetables or flowers, so that it can never come amiss in the smallest garden. The Double Trellis is shown used for tomatoes, but it can be used to nearly equal advantage in growing cucumbers, melons, squashes, Lima and other pole beans. The Single Trellis is used mainly for peas, and it will be found on trial to be far ahead of the old plan of using brush or string. For flowering plants that require support, it is, of course, equally valuable, as it can be used exactly in the same way, according to the nature of the plant, as for vegetables, in short, for any plants that require support. we earnestly advise the use of these Trellises. It is substantially formed of galvanized wire, and light, yet strong wood work; and as it can be rolled up so as to occupy small space, it can, with ordinary care, be used annually for many years. Supplied in ten feet and twenty feet lengths.

	Per Running Foot	Per 100 Running Feet
Pea Trellis, 4 feet high	10c.	7c. per foot
" 2 "	8c.	6c. "
Tomato Trellis, single, upright	10c.	8c. "
" " 4 feet high, double. See cut	20c.	16c. "

50 Feet Supplied at 100 Foot Rate.

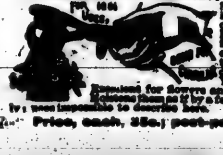
WILSON'S LITTLE GIANT MILL

This Mill is specially adapted for grinding Dry Bones, Shells or Grain for Poultry. It will grind the whole jaw-bone of a horse in about three minutes; the leg-bone of a beef, 8 inches long and 2 inches in diameter, by being once split lengthwise in 2 minutes, if the bones are thoroughly dried. This Mill will crack about a peck of corn in 20 minutes. If it is desired to grind the corn very fine, it should run through the Mill twice. A sample of oyster shells ground or corn cracked with the Little Giant Mill, will be sent free by mail for 10c. Price, without legs, $6.00; Price, with legs, $8.00.

FAMILY GRIST MILL, No. 0.

This Mill is specially made for grinding Graham Flour or Corn Meal for table use. It can also be adjusted for cracking the grain if desired. It is a valuable machine to have in the kitchen, as you can have fresh Graham or Corn Meal when wanted. The grinding surfaces are of very hard material, especially made for this purpose. Weight, 30 lbs. Price, without legs, $6.00; Price, with legs, $8.00. Circulars giving prices of larger sizes on application.

ATOMIZER & SPRINKLER



WILSON'S Own Bottle.

Spray appears like fog. Does clothes sprinkler in the world. Sprinkles so even. Just the thing for rose, plants, flowers, grass, gardening, for any purpose you want one. Convenient for dampening clothes, dusting flowers and hundreds of other purposes too numerous to mention. It is by a long, fine, delicate spray. It is most impossible to describe here.

Price, each, 25c.; post-paid, 40c.

OUR GEM COLLECTION OF SEEDS.

IN OFFERING this Special Collection we aim at giving an assortment of the Finest Varieties in Cultivation for general use, and of such sorts that are best adapted for a family garden. Those unacquainted with the different varieties of vegetables, or those not having the time to examine our Catalogue and make their own selection, will find this assortment to contain a very choice selection for a good garden, and such as cannot fail to please. They are sent post paid. *No discount will be allowed from the price of these Collections, nor any change in the Collection.*

No. 1 GEM COLLECTION.

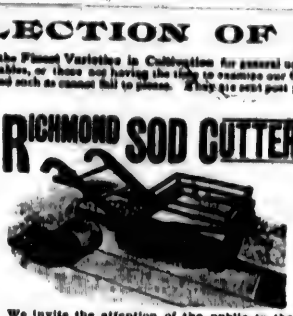
SPECIAL PACKAGE OF 16 SORTS OF NEW AND CHOICE **Vegetables,** **$1** AND 4 VARIETIES OF SHOWY AND HANDSOME **Flowers.**

Sent by Mail on receipt of **One Dollar**, contains one Full Size Packet each of

Beans, Giant Dwarf Wax. (*New.*)
Beet, Select, Long Blood.
Cabbage, Winningstadt.
Cabbage, Early Summer.
Carrots, Chantenay. (*New.*)
Corn, Old Colony. (*New.*)
Celery, Paris Golden Yellow (*New*)
Lettuce, Toronto Gem. (*Select.*)
Cucumber, Everbearing W. Spine. (*New.*)
Onion, Yellow Globe Danvers. (*Choice.*)
Peas, American Wonder.
Radish, French Breakfast. (*First*)
Squash, Hubbard. (*The Best.*)
Tomato, Potato Leaf. (*New*).
Aster. Balsam. Phlox. Mignonette.

Illustrated Circulars on Application

RICHMOND SOD CUTTER



We invite the attention of the public to the **Richmond Sod Cutter** as one of the most perfect working and useful inventions of the age. All persons who have ever cut sod by hand need only to use one of these machines to realize a hundred fold saving of both labor and cost. For circular with prices, full particulars and testimonials write to the

STEELE BROS. CO'Y., TORONTO, ONT.

One machine will cut from 30,000 to 40,000 square feet per day, thus doing the work of Forty Men.
Circulars on application.
14-inch Horse Machine, $80.

RUSTIC WORK

Always in Stock.

Chairs	$1.00 to $2.00 each
Settees	1.50 to 3.00 "
Vases	1.00 to 3.00 "

FLOWER STANDS.

These we carry in stock of Various Shapes and Sizes.

36in. diameter, 6ft. 3in. high, $5.00 each.

42in. diameter, 6ft. 3in. high, $5.50.

BROADCAST HAND SEED SOWER.

This machine has no equal, doing Perfect Work in the easiest and simplest manner. It is strong and light, weighs 2 lbs. It will distribute to the round—wheat, 50 feet; flax seed, clover and oats, 36 feet; timothy, 27 feet, and will sow 30 acres per day. We highly recommend this labor-saving machine.

PRICE, $3.

THE LIGHTNING POTATO EYE CUTTER,

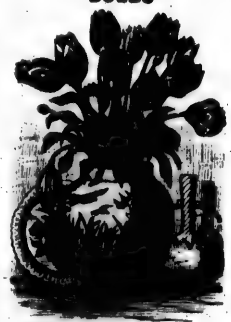
Does the work many times faster and is more accurate than the knife.

It is gauged to cut enough flesh with each eye to strengthen and vitalize it, and does the work in a scientific manner. No matter how small a crop you intend to plant you should use this cutter.

Full directions, How to Plant Potatoes Cut to One eye, and valuable points in Potato Culture "by a Practical Potato Grower," given with each cutter.

Price, 50 cts. by mail, post paid.

BULBS



FOR FALL PLANTING

Our Illustrated Catalogue of Bulbs will be published about September and will contain full description of

WINTER AND SPRING FLOWERING BULBS.

Our Collection of Hyacinths, Tulips, Narcissus, Lilies, Iris, etc., are unsurpassed, and we are pleased to say the sales of these Bulbs are rapidly increasing.

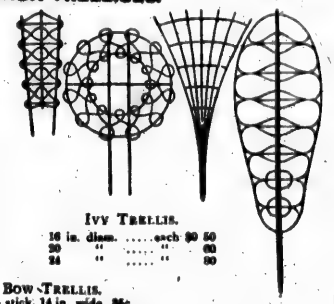
VERANDA TRELLISES.

VERANDA TRELLIS.

2 feet	each	$0 35
3 "	"	45
4 "	"	55
5 "	"	75
6 "	"	85
7 "	"	1 00
8 "	"	1 25
9 "	"	1 50
10 "	"	1 75
11 "	"	2 00
12 "	"	2 50

FAN TRELLIS.

2 feet high	each	$0 20
2½ " "	"	25
3½ " "	"	50
4 " "	"	60
5 " "	"	80
6 " "	"	90
7 " "	"	1 25
8 " "	"	1 50
10 " "	"	2 00
12 " "	"	2 50



IVY TRELLIS.

16 in. diam.	each	$0 50
20 "	"	60
24 "	"	80

BOW TRELLIS.

30 in. stick, 14 in. wide,		35c.
36 " "	"	45c.
48 " "	"	60c.

FLOWER VASES.

Iron and Terra Cotta,

Varying in Price from $6 per pair to $60. Write for description.

EARTHENWARE, FLOWER POTS AND HANGING BASKETS.

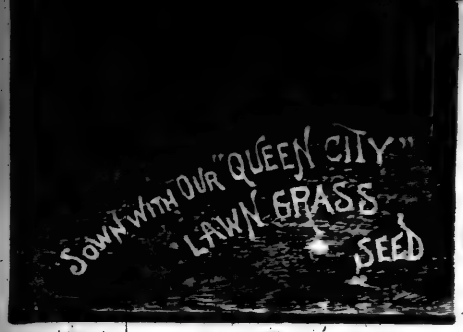
The measurement is from outside to outside. Packing charged extra, when ordered. Pots are carefully packed, but we do not assume any risk of breakage.

Flower Pots. Size.	Price Per Doz.	Price Per 100.	Saucers. Price Per Doz.	Flower Pots. Size.	Price Per Doz.	Price Per 100.	Saucers. Price Per Doz.	Hanging Baskets.
Thumbs	$0 10	$1 00	.....	Pints	$0 40	$2 50	$0 20	From 15c. to 75c. each, according to style.
Small Vertons	20	1 20	.....	Quarts	50	3 75	25	
Large "	25	1 50	.....	3 "	1 00	7 00	50	
Half Pints	30	2 00	$0 15	4 "	1 75	....	75	

THE "QUEEN CITY" LAWN GRASS SEED.

The Purest, Cleanest and Heaviest Lawn Grass Seed Ever Offered.

WEIGHS FROM 20 TO 23 LBS. PER MEASURED BUSHEL. OTHER LAWN MIXTURES DO NOT AVERAGE OVER 14 LBS. TO THE BUSHEL.



A BEAUTIFUL LAWN GLADDENS THE GARDENER'S HEART.

HINTS ON FORMATION OF LAWNS.

The ground should be raked and rolled before sowing. After the seed is scattered the ground should be again well rolled; all weeds must be carefully removed as soon as they make their appearance, and when the grass has grown to the height of three or four inches it should be cut and rolled—frequent cutting and rolling is of great importance when a fine, close and soft turf is required. May and September are the best months for sowing, and the quantity of seed required for sowing is about one pound to the rod, or forty pounds to the acre.

Grass Seeds for Garden Lawns, Croquet, Cricket and Lawn Tennis Grounds, Cemeteries, Public Parks, Etc., Etc.

THAT OUR "QUEEN CITY" is the finest mixture of Lawn Grass seed ever offered, the immense quantity we annually sell is the best proof we can offer. It is the best lawn seed for our Canadian climate, and is composed of various grasses that grow and flourish during different months of the year, so that a rich, deep green, velvety lawn is constantly maintained. Our mixture is the result of several years careful experimenting, and as we now offer it it is **unequalled**. It may not also be generally known that it is, relatively speaking, the *cheapest seed offered*, because while the lawn grass mixtures of other seedsmen *will not average* over 14 lbs. to the bushel, the "QUEEN CITY" Brand will weigh from *21 to 23 lbs. per measured bushel*. The quantity required for making new lawns is five bushels per acre, or for renovating old lawns 1 to 2 bushels. For a plot 15 x 20 or 300 square feet, 1 lb. is required for new, or half a pound for renovation. Per lb., 40c.; post paid 45c.

LAWN FERTILIZER.

If you desire a Handsome, Bright Green and Luxuriant Lawn, there is nothing to equal our Special Brand of Lawn Fertilizer. 5lbs. 50c.; 10 lbs. 75c.; 25 lbs. $1.25; 50 lbs. $2.00; 100 lbs. $3.50.

Send for descriptive Circulars of Continental and Philadelphia Lawn Mowers. **See page 84.**

THE STEELE BRO'S CO. LTD.

TORONTO · 1891 ·

VIEWS IN WHOLESALE DEPARTMENTS.

NEARLY TWO ACRES FLOOR CAPACITY.